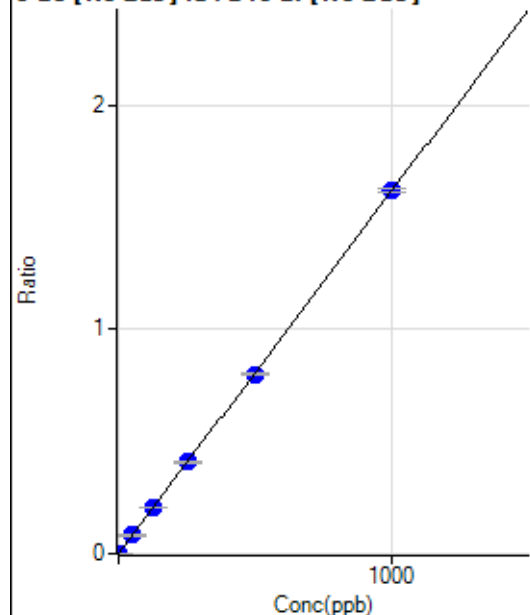


Batch Folder: D:\ICP-MS Data\P7080817-MS .b\  
Analysis File: P7080817-MS .batch.bin  
DA Date-Time: 2017-08-09 08:31:19  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2017-08-08 15:55:35 |
| 2     |                    |             |                     |
| 3     | 006CALS.d          | S02         | 2017-08-08 16:03:44 |
| 4     | 007CALS.d          | S03         | 2017-08-08 16:07:29 |
| 5     | 008CALS.d          | S04         | 2017-08-08 16:11:31 |
| 6     | 009CALS.d          | S05         | 2017-08-08 16:15:08 |
| 7     | 010CALS.d          | S06         | 2017-08-08 16:18:40 |
| 8     | 011CALS.d          | S07         | 2017-08-08 16:22:09 |
| 9     | 012CALS.d          | S08         | 2017-08-08 16:25:33 |

9 Be [No Gas] ISTD:6 Li [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.93      | 0.0000 | P    | 32.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.858      | 3024.47    | 0.0014 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 50.000   | 50.441     | 172951.98  | 0.0815 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 128.050    | 428241.54  | 0.2070 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 252.418    | 839098.61  | 0.4080 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 495.698    | 1594555.89 | 0.8011 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.144   | 3155059.48 | 1.6180 | P    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 650.03     | 0.0004 | P    | 1.8  |

$$y = 0.0016 * x + 1.2600E-005$$

$$R = 1.0000$$

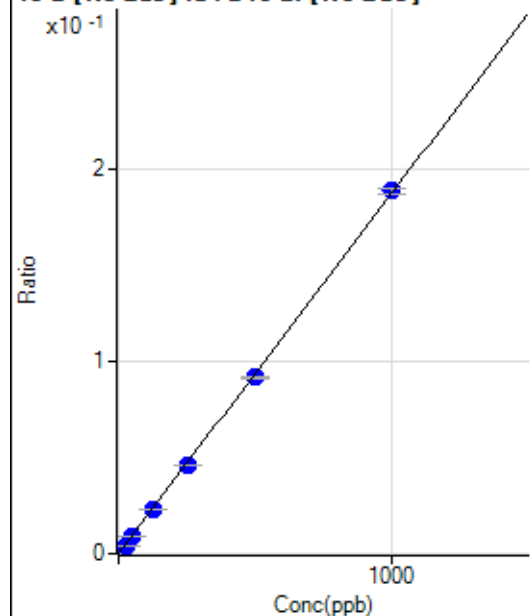
$$DL = 0.007534$$

$$BEC = 0.007796$$

Weight: &lt;None&gt;

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 211.12    | 0.0001 | P    | 8.1 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 25.000   | 20.398     | 8463.83   | 0.0039 | P    | 4.8 |
| 4 | <input type="checkbox"/> | 50.000   | 48.704     | 19535.59  | 0.0092 | P    | 1.8 |
| 5 | <input type="checkbox"/> | 125.000  | 122.530    | 47612.16  | 0.0230 | P    | 3.4 |
| 6 | <input type="checkbox"/> | 250.000  | 244.926    | 94405.41  | 0.0459 | P    | 1.8 |
| 7 | <input type="checkbox"/> | 500.000  | 488.929    | 182158.06 | 0.0915 | P    | 1.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 1007.293   | 367442.93 | 0.1884 | P    | 1.8 |
| 9 | <input type="checkbox"/> |          |            | 14627.08  | 0.0081 | P    | 5.4 |

$$y = 1.8697E-004 * x + 1.0272E-004$$

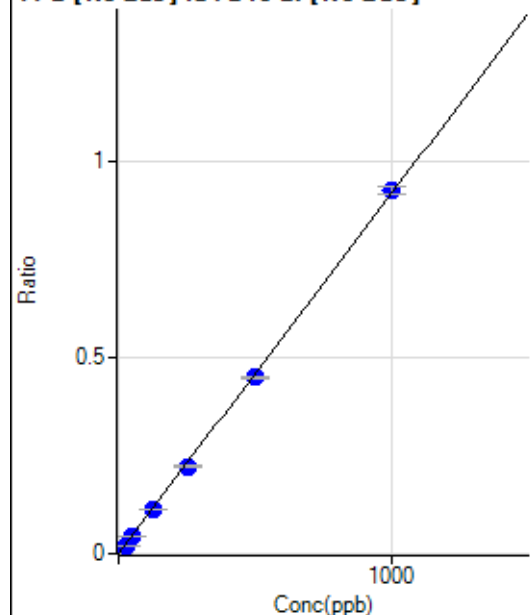
$$R = 0.9999$$

$$DL = 0.133$$

$$BEC = 0.5494$$

Weight: &lt;None&gt;

Min Conc: 0

**11 B [No Gas] ISTD:6 Li [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 963.96     | 0.0005 | P    | 13.8 |
| 2 | <input type="checkbox"/> | 2.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 20.133     | 40914.52   | 0.0189 | P    | 1.7  |
| 4 | <input type="checkbox"/> | 50.000   | 48.009     | 94360.22   | 0.0445 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 122.150    | 232667.40  | 0.1124 | P    | 2.0  |
| 6 | <input type="checkbox"/> | 250.000  | 242.359    | 457965.47  | 0.2226 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 490.029    | 895074.44  | 0.4497 | P    | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1007.473   | 1801846.00 | 0.9241 | P    | 2.0  |
| 9 | <input type="checkbox"/> |          |            | 70079.61   | 0.0387 | P    | 5.1  |

$$y = 9.1674\text{E-}004 * x + 4.6903\text{E-}004$$

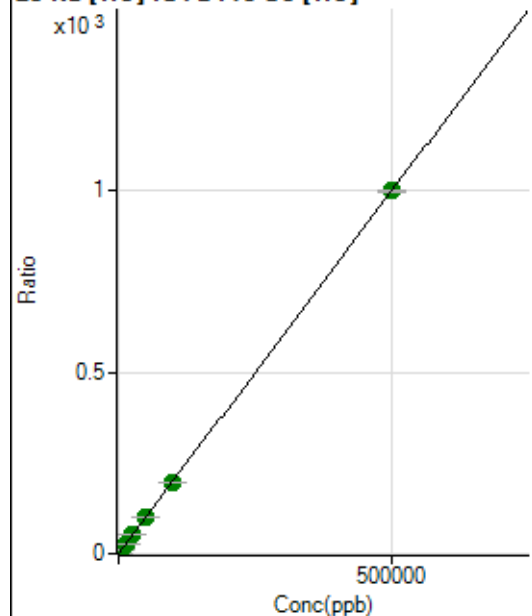
$$R = 0.9999$$

$$DL = 0.2125$$

$$BEC = 0.5116$$

Weight: &lt;None&gt;

Min Conc: 0

**23 Na [He] ISTD:45 Sc [He]**

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS          | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 21888.93     | 0.0543   | P    | 0.9 |
| 2 | <input type="checkbox"/> | 50.000    |            |              |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 463.582    | 400094.73    | 0.9800   | P    | 0.2 |
| 4 | <input type="checkbox"/> | 5000.000  | 5352.427   | 4275023.92   | 10.7422  | A    | 0.8 |
| 5 | <input type="checkbox"/> | 12500.000 | 12991.674  | 10495594.77  | 25.9964  | A    | 0.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 25626.782  | 20531740.04  | 51.2265  | A    | 0.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 50170.132  | 39648711.65  | 100.2353 | A    | 0.3 |
| 8 | <input type="checkbox"/> | 100000.00 | 98250.372  | 79798928.17  | 196.2431 | A    | 0.5 |
| 9 | <input type="checkbox"/> | 500000.00 | 500285.79  | 384626714.16 | 999.0376 | A    | 0.7 |

$$y = 0.0020 * x + 0.0543$$

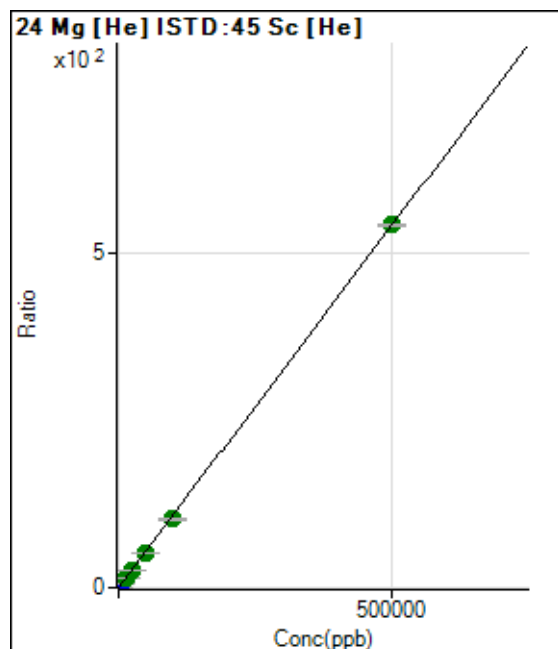
$$R = 1.0000$$

$$DL = 0.7051$$

$$BEC = 27.2$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS          | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 400.03       | 0.0010   | P    | 9.3 |
| 2 | <input type="checkbox"/> | 50.000    |            |              |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 443.654    | 196336.06    | 0.4809   | P    | 0.8 |
| 4 | <input type="checkbox"/> | 5000.000  | 5222.961   | 2248970.88   | 5.6510   | P    | 0.4 |
| 5 | <input type="checkbox"/> | 12500.000 | 12629.670  | 5516235.45   | 13.6634  | A    | 1.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 24877.409  | 10786514.04  | 26.9126  | A    | 1.0 |
| 7 | <input type="checkbox"/> | 50000.000 | 48711.694  | 20844326.16  | 52.6959  | A    | 0.6 |
| 8 | <input type="checkbox"/> | 100000.00 | 94686.078  | 41649992.25  | 102.4296 | A    | 1.1 |
| 9 | <input type="checkbox"/> | 500000.00 | 501192.32  | 208739629.67 | 542.1762 | A    | 0.3 |

$$y = 0.0011 * x + 9.9238E-004$$

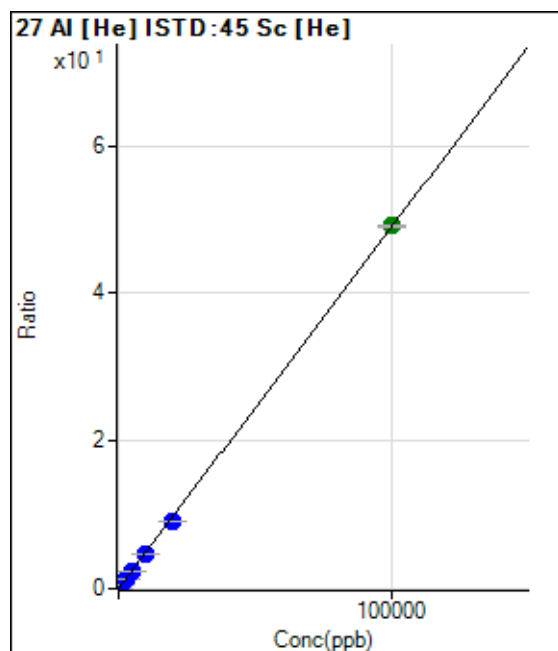
$$R = 0.9999$$

$$DL = 0.2555$$

$$BEC = 0.9174$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 372.24      | 0.0009  | P    | 20.3 |
| 2 | <input type="checkbox"/> | 2.000     |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 16.416     | 3658.94     | 0.0090  | P    | 9.0  |
| 4 | <input type="checkbox"/> | 1000.000  | 988.704    | 193114.46   | 0.4853  | P    | 0.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2436.633   | 482269.78   | 1.1945  | P    | 0.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 4784.130   | 939662.39   | 2.3445  | P    | 0.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9430.609   | 1827707.42  | 4.6206  | P    | 0.2  |
| 8 | <input type="checkbox"/> | 20000.000 | 18582.660  | 3701776.30  | 9.1038  | P    | 1.2  |
| 9 | <input type="checkbox"/> | 100000.00 | 100352.89  | 18926746.60 | 49.1598 | A    | 0.4  |

$$y = 4.8986E-004 * x + 9.2362E-004$$

$$R = 0.9999$$

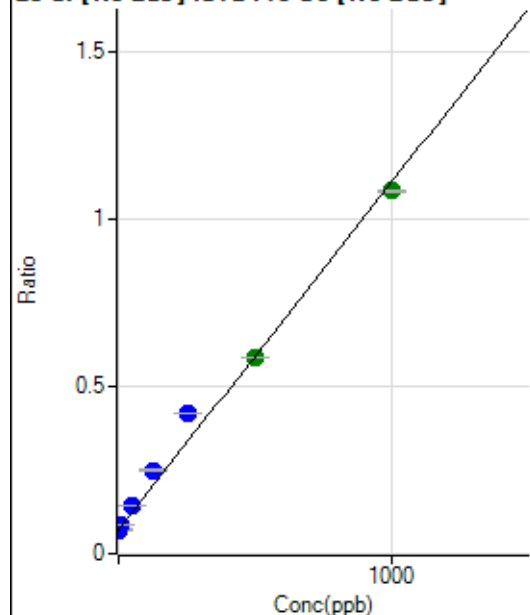
$$DL = 1.148$$

$$BEC = 1.885$$

Weight: &lt;None&gt;

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 585716.41  | 0.0717 | P    | 1.2 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 13.352     | 676363.60  | 0.0856 | P    | 0.6 |
| 4 | <input type="checkbox"/> | 50.000   | 67.640     | 1130635.31 | 0.1419 | P    | 1.2 |
| 5 | <input type="checkbox"/> | 125.000  | 170.019    | 1971542.47 | 0.2483 | P    | 1.5 |
| 6 | <input type="checkbox"/> | 250.000  | 334.884    | 3320086.03 | 0.4195 | P    | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 493.788    | 4546946.28 | 0.5845 | A    | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 975.342    | 8482602.45 | 1.0847 | A    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 637990.57  | 0.0876 | P    | 0.4 |

$$y = 0.0010 * x + 0.0717$$

$$R = 0.9954$$

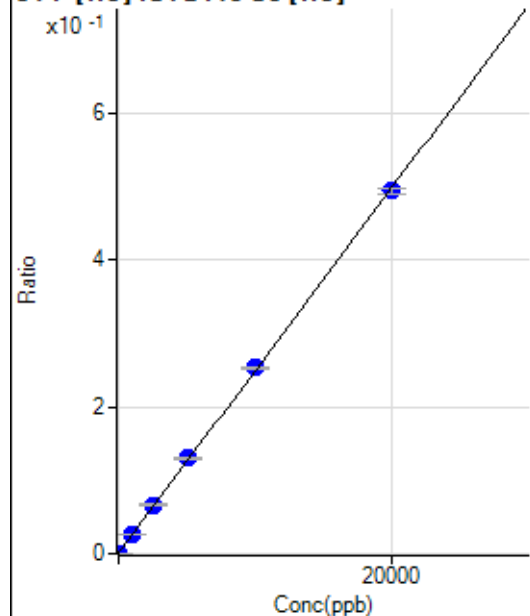
$$DL = 2.454$$

$$BEC = 69.03$$

Weight: &lt;None&gt;

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | -1.166     | 333.35    | 0.0008 | P    | 6.4  |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | 1.166      | 361.13    | 0.0009 | P    | 9.9  |
| 4 | <input type="checkbox"/> | 1000.000  | 1021.722   | 10431.88  | 0.0262 | P    | 3.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2640.673   | 26802.82  | 0.0664 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 5000.000  | 5221.017   | 52273.52  | 0.1304 | P    | 1.7  |
| 7 | <input type="checkbox"/> | 10000.000 | 10147.195  | 99944.88  | 0.2527 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 20000.000 | 19852.478  | 200666.35 | 0.4935 | P    | 1.9  |
| 9 | <input type="checkbox"/> |           |            | 397.24    | 0.0010 | P    | 16.5 |

$$y = 2.4816E-005 * x + 8.5599E-004$$

$$R = 0.9999$$

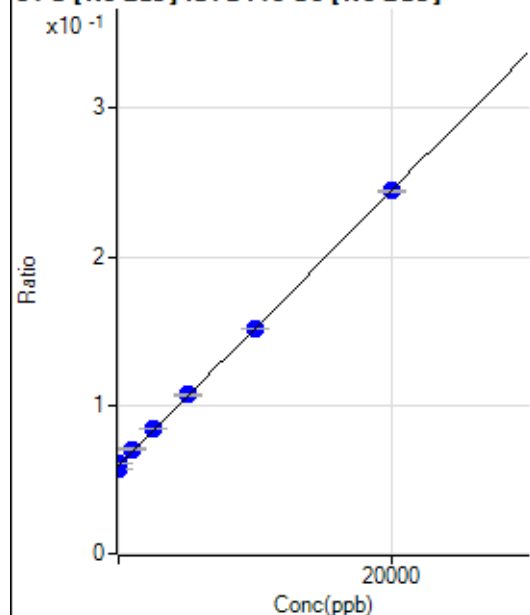
$$DL = 8.518$$

$$BEC = 34.49$$

Weight: &lt;None&gt;

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | -216.086   | 465760.70  | 0.0570 | P    | 1.6 |
| 2 | <input type="checkbox"/> | 0.000     |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | 216.086    | 482393.41  | 0.0610 | P    | 1.0 |
| 4 | <input type="checkbox"/> | 1000.000  | 1237.841   | 561639.95  | 0.0705 | P    | 0.7 |
| 5 | <input type="checkbox"/> | 2500.000  | 2707.161   | 668196.04  | 0.0841 | P    | 1.5 |
| 6 | <input type="checkbox"/> | 5000.000  | 5154.596   | 845699.19  | 0.1069 | P    | 1.9 |
| 7 | <input type="checkbox"/> | 10000.000 | 9932.839   | 1176232.48 | 0.1512 | P    | 0.4 |
| 8 | <input type="checkbox"/> | 20000.000 | 19957.144  | 1910163.76 | 0.2443 | P    | 0.8 |
| 9 | <input type="checkbox"/> |           |            | 376688.07  | 0.0517 | P    | 0.8 |

$$y = 9.2815\text{E-}006 * x + 0.0590$$

$$R = 0.9997$$

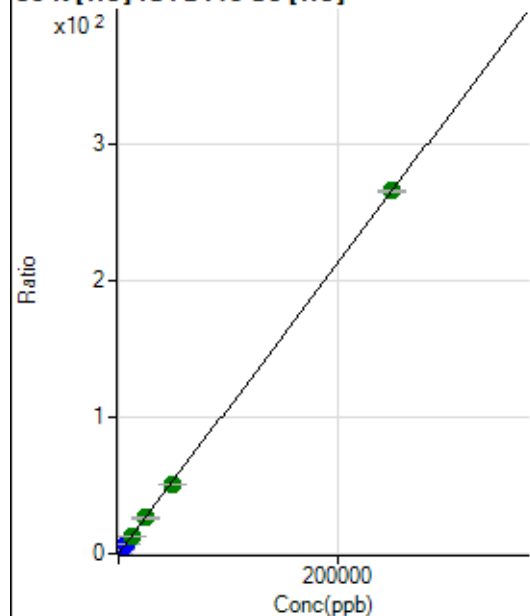
$$DL = 252.3$$

$$BEC = 6359$$

Weight: &lt;None&gt;

Min Conc: 0

39 K [He] ISTD:45 Sc [He]



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS          | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 40222.16     | 0.0998   | P    | 2.3 |
| 2 | <input type="checkbox"/> | 50.000    |            |              |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 440.786    | 231345.40    | 0.5667   | P    | 1.1 |
| 4 | <input type="checkbox"/> | 2500.000  | 2565.240   | 1121001.06   | 2.8170   | P    | 1.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 6309.113   | 2738343.68   | 6.7826   | P    | 0.4 |
| 6 | <input type="checkbox"/> | 12500.000 | 12332.905  | 5275780.54   | 13.1631  | A    | 0.8 |
| 7 | <input type="checkbox"/> | 25000.000 | 24494.986  | 10302513.94  | 26.0455  | A    | 0.5 |
| 8 | <input type="checkbox"/> | 50000.000 | 48136.757  | 20773336.06  | 51.0875  | A    | 0.9 |
| 9 | <input type="checkbox"/> | 250000.00 | 250429.49  | 102165595.34 | 265.3612 | A    | 0.3 |

$$y = 0.0011 * x + 0.0998$$

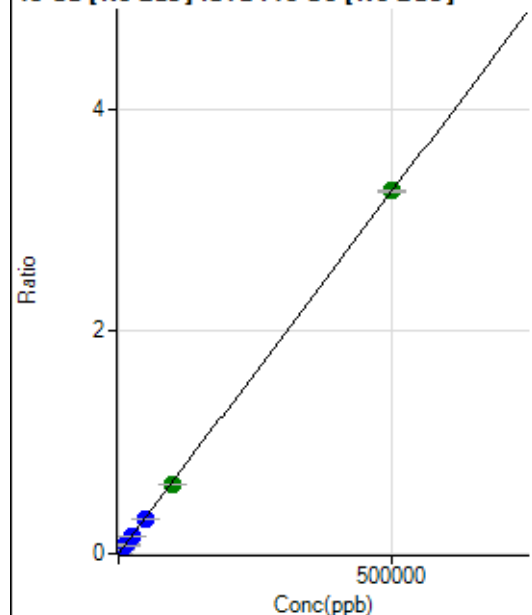
$$R = 1.0000$$

$$DL = 6.598$$

$$BEC = 94.22$$

Weight: &lt;None&gt;

Min Conc: 0

**43 Ca [No Gas] ISTD:45 Sc [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 427.80      | 0.0001 | P    | 2.9 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 423.931    | 22234.21    | 0.0028 | P    | 2.2 |
| 4 | <input type="checkbox"/> | 5000.000  | 4826.069   | 250718.84   | 0.0315 | P    | 1.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 12016.673  | 621781.75   | 0.0783 | P    | 1.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 23778.434  | 1225825.41  | 0.1549 | P    | 0.9 |
| 7 | <input type="checkbox"/> | 50000.000 | 47112.225  | 2386699.05  | 0.3068 | P    | 0.3 |
| 8 | <input type="checkbox"/> | 100000.00 | 95148.074  | 4845661.26  | 0.6196 | A    | 0.6 |
| 9 | <input type="checkbox"/> | 500000.00 | 501334.14  | 23779463.03 | 3.2645 | A    | 0.5 |

$$y = 6.5115E-006 * x + 5.2369E-005$$

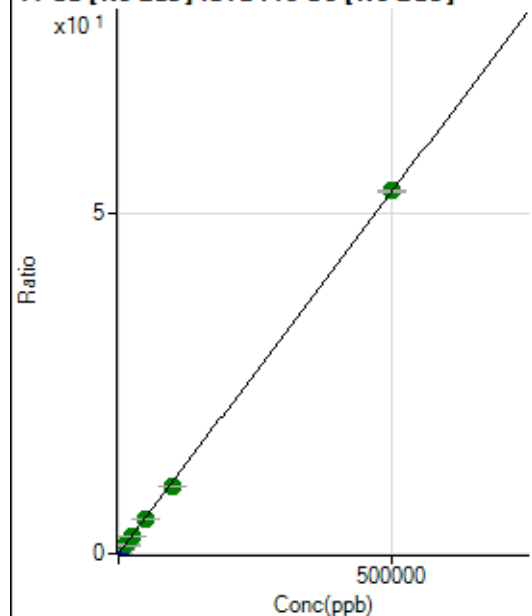
$$R = 0.9999$$

$$DL = 0.7022$$

$$BEC = 8.043$$

Weight: &lt;None&gt;

Min Conc: 0

**44 Ca [No Gas] ISTD:45 Sc [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS          | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 15453.33     | 0.0019  | P    | 0.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |              |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 419.632    | 367670.96    | 0.0465  | P    | 0.2 |
| 4 | <input type="checkbox"/> | 5000.000  | 4817.697   | 4095501.65   | 0.5142  | P    | 1.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 11980.695  | 10131276.79  | 1.2758  | A    | 1.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 23654.336  | 19920924.05  | 2.5170  | A    | 1.0 |
| 7 | <input type="checkbox"/> | 50000.000 | 47020.692  | 38906055.73  | 5.0016  | A    | 0.3 |
| 8 | <input type="checkbox"/> | 100000.00 | 93415.412  | 77695062.85  | 9.9347  | A    | 0.4 |
| 9 | <input type="checkbox"/> | 500000.00 | 501697.01  | 388592844.80 | 53.3468 | A    | 0.7 |

$$y = 1.0633E-004 * x + 0.0019$$

$$R = 0.9999$$

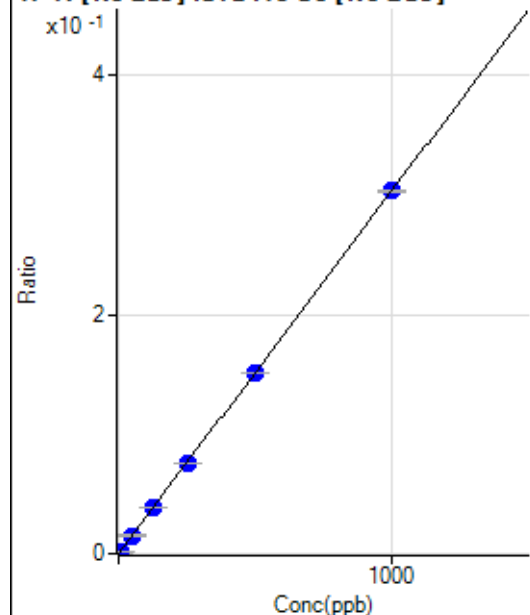
$$DL = 0.2373$$

$$BEC = 17.79$$

Weight: &lt;None&gt;

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 213.90     | 0.0000 | P   | 15.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.367      | 10668.20   | 0.0013 | P   | 0.7  |
| 4 | <input type="checkbox"/> | 50.000   | 50.112     | 121159.01  | 0.0152 | P   | 2.2  |
| 5 | <input type="checkbox"/> | 125.000  | 125.512    | 302250.46  | 0.0381 | P   | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 251.240    | 602788.89  | 0.0762 | P   | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 497.148    | 1172111.08 | 0.1507 | P   | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.049   | 2372642.24 | 0.3034 | P   | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 2872.62    | 0.0004 | P   | 5.4  |

$$y = 3.0304E-004 * x + 2.6170E-005$$

$$R = 1.0000$$

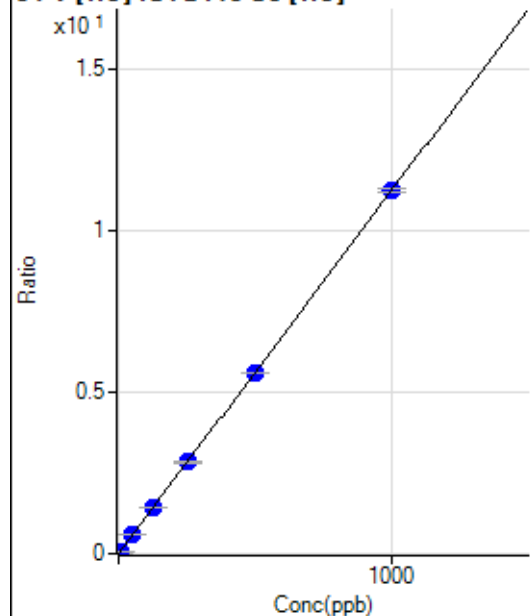
$$DL = 0.04115$$

$$BEC = 0.08636$$

Weight: &lt;None&gt;

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 11.11      | 0.0000  | P   | 34.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.430      | 20349.80   | 0.0498  | P   | 1.2  |
| 4 | <input type="checkbox"/> | 50.000   | 51.211     | 229183.27  | 0.5759  | P   | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 126.927    | 576273.61  | 1.4274  | P   | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 252.105    | 1136282.87 | 2.8350  | P   | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 499.589    | 2222258.28 | 5.6181  | P   | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.380    | 4569731.81 | 11.2384 | P   | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 2305.77    | 0.0060  | P   | 2.4  |

$$y = 0.0112 * x + 2.7550E-005$$

$$R = 1.0000$$

$$DL = 0.00253$$

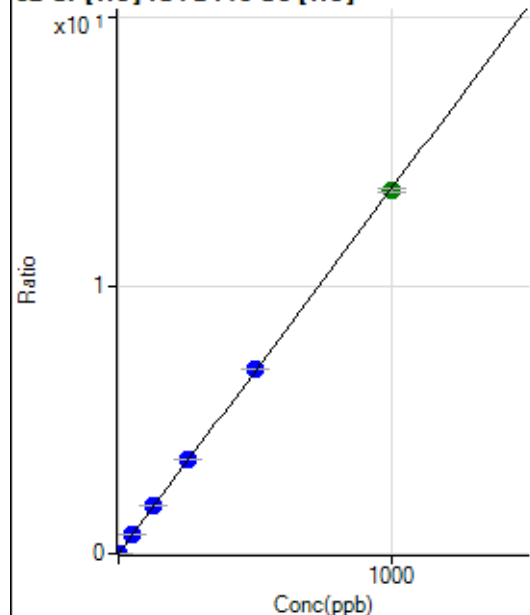
$$BEC = 0.00245$$

Weight: &lt;None&gt;

Min Conc: 0



52 Cr [He] ISTD:45 Sc [He]



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1745.69    | 0.0043  | P    | 4.3 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.022      | 13013.70   | 0.0319  | P    | 2.9 |
| 4 | <input type="checkbox"/> | 50.000   | 52.893     | 288444.81  | 0.7248  | P    | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 129.640    | 714681.47  | 1.7702  | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 256.381    | 1401432.18 | 3.4966  | P    | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 507.594    | 2736625.14 | 6.9184  | P    | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 993.883    | 5506571.72 | 13.5423 | A    | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 156920.92  | 0.4076  | P    | 0.7 |

$$y = 0.0136 * x + 0.0043$$

$$R = 0.9999$$

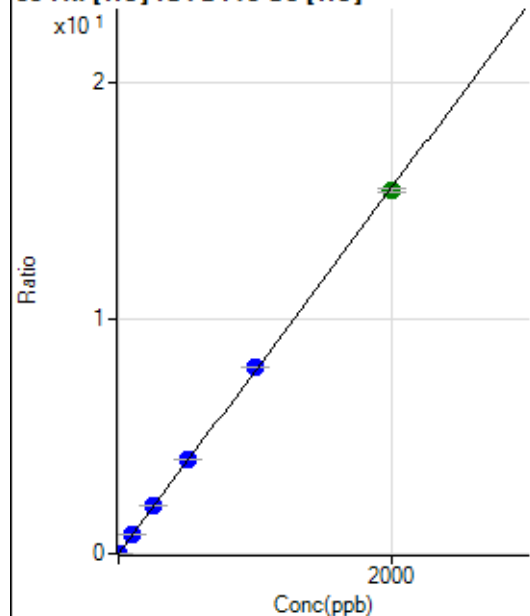
$$DL = 0.04118$$

$$BEC = 0.318$$

Weight: &lt;None&gt;

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 54.44      | 0.0001  | P    | 21.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.949      | 3064.82    | 0.0075  | P    | 3.4  |
| 4 | <input type="checkbox"/> | 100.000  | 106.146    | 328268.66  | 0.8249  | P    | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 260.604    | 817552.06  | 2.0250  | P    | 0.0  |
| 6 | <input type="checkbox"/> | 500.000  | 516.128    | 1607362.20 | 4.0103  | P    | 0.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1021.442   | 3139323.29 | 7.9365  | P    | 0.2  |
| 8 | <input type="checkbox"/> | 2000.000 | 1983.614   | 6266923.17 | 15.4124 | A    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 33800.04   | 0.0878  | P    | 0.8  |

$$y = 0.0078 * x + 1.3510E-004$$

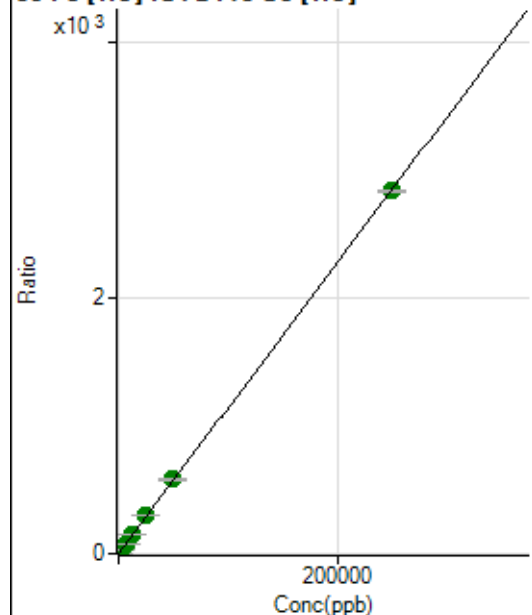
$$R = 0.9999$$

$$DL = 0.01124$$

$$BEC = 0.01739$$

Weight: &lt;None&gt;

Min Conc: 0

**56 Fe [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS          | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 5210.33      | 0.0129    | P    | 2.8 |
| 2 | <input type="checkbox"/> | 5.000     |            |              |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 46.044     | 218548.38    | 0.5353    | P    | 0.0 |
| 4 | <input type="checkbox"/> | 2500.000  | 2735.135   | 12354859.07  | 31.0442   | A    | 0.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 6687.172   | 30636009.02  | 75.8817   | A    | 0.3 |
| 6 | <input type="checkbox"/> | 12500.000 | 13243.543  | 60227413.85  | 150.2665  | A    | 0.5 |
| 7 | <input type="checkbox"/> | 25000.000 | 26086.820  | 117075328.54 | 295.9788  | A    | 0.6 |
| 8 | <input type="checkbox"/> | 50000.000 | 51062.309  | 235570731.19 | 579.3362  | A    | 0.9 |
| 9 | <input type="checkbox"/> | 250000.00 | 249628.39  | 1090380757.7 | 2,832.151 | A    | 0.4 |

$$y = 0.0113 * x + 0.0129$$

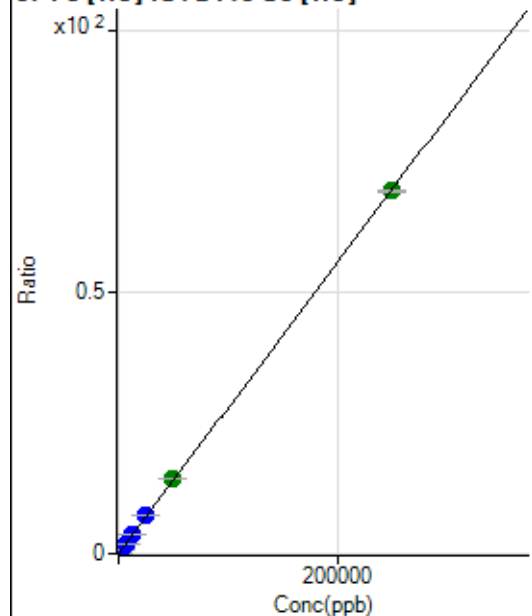
$$R = 1.0000$$

$$DL = 0.09556$$

$$BEC = 1.139$$

Weight: &lt;None&gt;

Min Conc: 0

**57 Fe [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 322.23      | 0.0008  | P    | 5.8 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 47.507     | 5723.50     | 0.0140  | P    | 3.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2711.352   | 300613.50   | 0.7554  | P    | 0.8 |
| 5 | <input type="checkbox"/> | 6250.000  | 6664.009   | 749095.51   | 1.8554  | P    | 0.2 |
| 6 | <input type="checkbox"/> | 12500.000 | 13195.222  | 1472152.38  | 3.6731  | P    | 1.1 |
| 7 | <input type="checkbox"/> | 25000.000 | 26183.401  | 2882698.65  | 7.2878  | P    | 0.4 |
| 8 | <input type="checkbox"/> | 50000.000 | 51351.189  | 5811661.36  | 14.2921 | A    | 0.5 |
| 9 | <input type="checkbox"/> | 250000.00 | 249564.19  | 26740474.90 | 69.4556 | A    | 0.4 |

$$y = 2.7830E-004 * x + 7.9946E-004$$

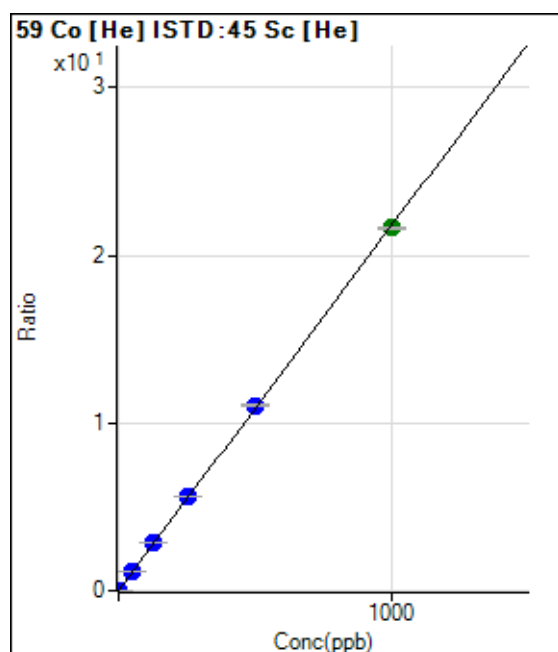
$$R = 1.0000$$

$$DL = 0.4962$$

$$BEC = 2.873$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 134.45     | 0.0003  | P    | 10.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.888      | 8023.42    | 0.0197  | P    | 0.5  |
| 4 | <input type="checkbox"/> | 50.000   | 52.903     | 458160.21  | 1.1512  | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 130.103    | 1142840.85 | 2.8307  | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 256.824    | 2239491.62 | 5.5875  | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 507.011    | 4363092.65 | 11.0304 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.005    | 8793212.16 | 21.6249 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 14340.53   | 0.0372  | P    | 1.4  |

$$y = 0.0218 * x + 3.3365E-004$$

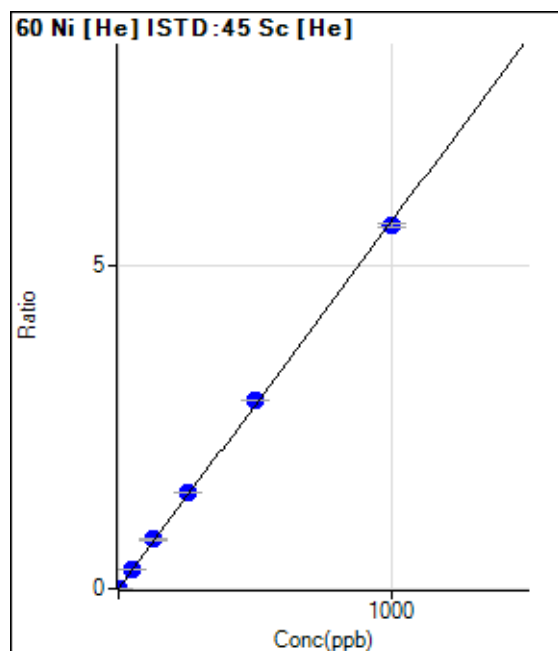
$$R = 0.9999$$

$$DL = 0.004729$$

$$BEC = 0.01534$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 75.55      | 0.0002 | P    | 5.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.017      | 2433.58    | 0.0060 | P    | 1.5 |
| 4 | <input type="checkbox"/> | 50.000   | 54.311     | 122746.29  | 0.3084 | P    | 1.4 |
| 5 | <input type="checkbox"/> | 125.000  | 133.825    | 306731.31  | 0.7598 | P    | 1.1 |
| 6 | <input type="checkbox"/> | 250.000  | 262.750    | 597804.33  | 1.4915 | P    | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 514.826    | 1155913.04 | 2.9223 | P    | 0.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 988.081    | 2280478.14 | 5.6084 | P    | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 36319.51   | 0.0943 | P    | 2.2 |

$$y = 0.0057 * x + 1.8748E-004$$

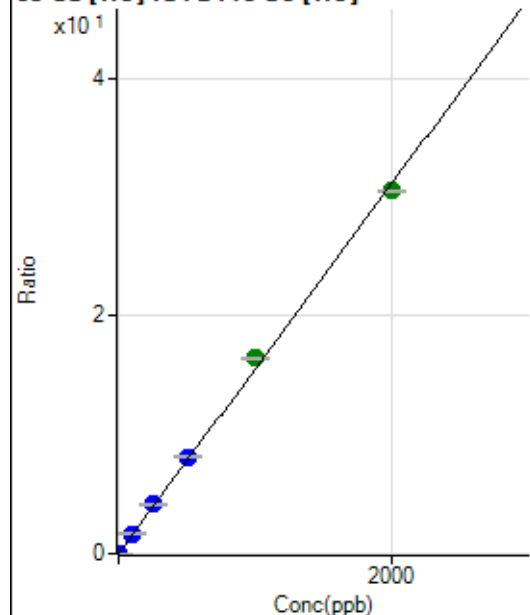
$$R = 0.9997$$

$$DL = 0.005311$$

$$BEC = 0.03303$$

Weight: <None>

Min Conc: 0

**<sup>63</sup>Cu [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1157.85     | 0.0029  | P   | 5.0 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |         |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.380      | 16267.07    | 0.0398  | P   | 1.3 |
| 4 | <input type="checkbox"/> | 100.000  | 108.497    | 671969.27   | 1.6886  | P   | 1.2 |
| 5 | <input type="checkbox"/> | 250.000  | 265.838    | 1668663.73  | 4.1331  | P   | 0.5 |
| 6 | <input type="checkbox"/> | 500.000  | 522.814    | 3256754.81  | 8.1257  | P   | 0.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 1057.929   | 6502759.35  | 16.4396 | A   | 1.0 |
| 8 | <input type="checkbox"/> | 2000.000 | 1962.927   | 12402505.93 | 30.5004 | A   | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 26879.30    | 0.0698  | P   | 0.9 |

$$y = 0.0155 * x + 0.0029$$

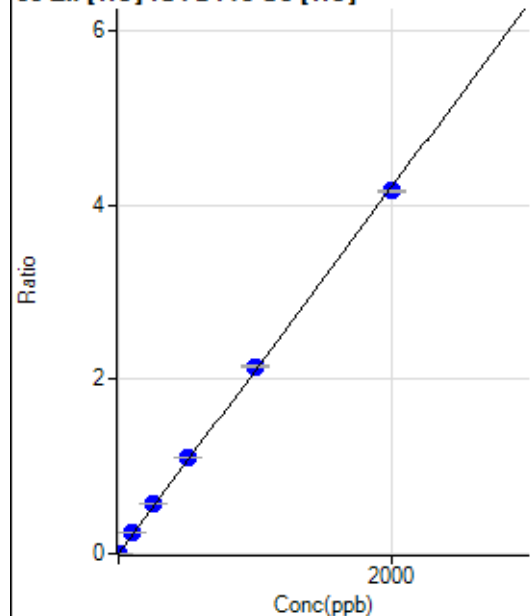
$$R = 0.9993$$

$$DL = 0.02795$$

$$BEC = 0.1849$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>66</sup>Zn [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 154.45     | 0.0004 | P   | 19.5 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.104      | 1962.39    | 0.0048 | P   | 2.9  |
| 4 | <input type="checkbox"/> | 100.000  | 111.450    | 93420.69   | 0.2347 | P   | 0.9  |
| 5 | <input type="checkbox"/> | 250.000  | 269.980    | 229366.70  | 0.5681 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 500.000  | 525.336    | 442928.32  | 1.1051 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1020.364   | 848886.14  | 2.1461 | P   | 0.7  |
| 8 | <input type="checkbox"/> | 2000.000 | 1980.414   | 1693607.32 | 4.1649 | P   | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 15471.71   | 0.0402 | P   | 1.4  |

$$y = 0.0021 * x + 3.8314E-004$$

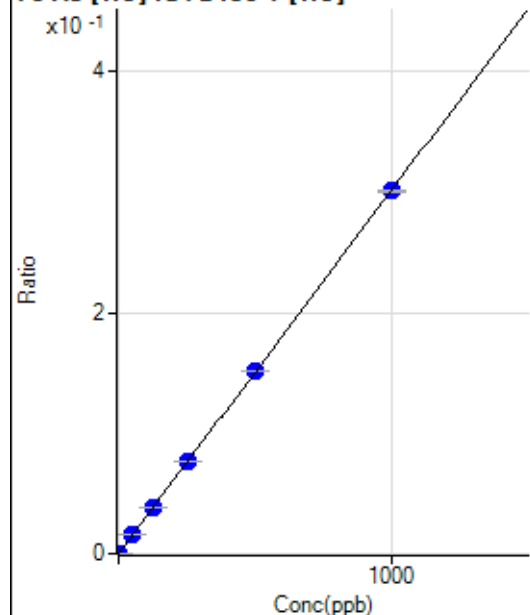
$$R = 0.9998$$

$$DL = 0.1064$$

$$BEC = 0.1822$$

Weight: &lt;None&gt;

Min Conc: 0

**75 As [He] ISTD:89 Y [He]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|-----------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.79      | 0.0000 | P    | 150.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |       |
| 3 | <input type="checkbox"/> | 1.000    | 0.941      | 578.41    | 0.0003 | P    | 3.0   |
| 4 | <input type="checkbox"/> | 50.000   | 51.719     | 31500.78  | 0.0156 | P    | 0.3   |
| 5 | <input type="checkbox"/> | 125.000  | 127.979    | 78214.14  | 0.0386 | P    | 0.8   |
| 6 | <input type="checkbox"/> | 250.000  | 253.583    | 154311.60 | 0.0765 | P    | 0.6   |
| 7 | <input type="checkbox"/> | 500.000  | 500.679    | 300084.14 | 0.1511 | P    | 0.1   |
| 8 | <input type="checkbox"/> | 1000.000 | 998.307    | 609408.11 | 0.3012 | P    | 0.7   |
| 9 | <input type="checkbox"/> |          |            | 395.07    | 0.0002 | P    | 13.0  |

$$y = 3.0174\text{E-}004 * x + 3.3625\text{E-}006$$

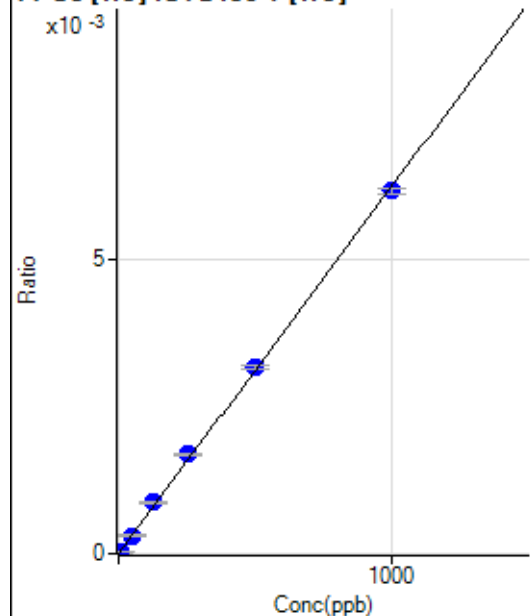
$$R = 1.0000$$

$$DL = 0.05021$$

$$BEC = 0.01114$$

Weight: &lt;None&gt;

Min Conc: 0

**77 Se [He] ISTD:89 Y [He]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|----------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3.33     | 0.0000 | P    | 100.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 5.056      | 66.67    | 0.0000 | P    | 14.0  |
| 4 | <input type="checkbox"/> | 50.000   | 49.132     | 621.14   | 0.0003 | P    | 7.6   |
| 5 | <input type="checkbox"/> | 125.000  | 138.689    | 1753.47  | 0.0009 | P    | 6.3   |
| 6 | <input type="checkbox"/> | 250.000  | 269.996    | 3396.01  | 0.0017 | P    | 2.4   |
| 7 | <input type="checkbox"/> | 500.000  | 509.367    | 6307.04  | 0.0032 | P    | 2.3   |
| 8 | <input type="checkbox"/> | 1000.000 | 988.650    | 12465.53 | 0.0062 | P    | 1.5   |
| 9 | <input type="checkbox"/> |          |            | 18.89    | 0.0000 | P    | 36.1  |

$$y = 6.2309\text{E-}006 * x + 1.6514\text{E-}006$$

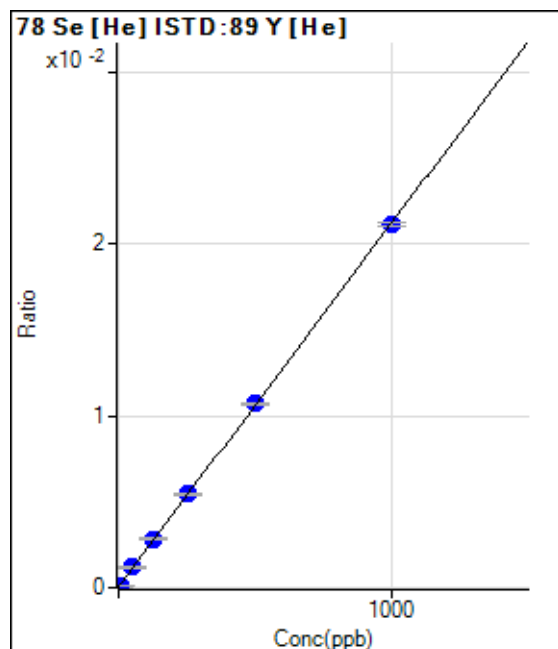
$$R = 0.9996$$

$$DL = 0.7951$$

$$BEC = 0.265$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 91.36    | 0.0000 | P    | 8.7  |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.635      | 288.89   | 0.0001 | P    | 9.9  |
| 4 | <input type="checkbox"/> | 50.000   | 53.682     | 2386.63  | 0.0012 | P    | 2.3  |
| 5 | <input type="checkbox"/> | 125.000  | 132.479    | 5775.89  | 0.0029 | P    | 1.7  |
| 6 | <input type="checkbox"/> | 250.000  | 255.287    | 10997.44 | 0.0055 | P    | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 504.486    | 21318.82 | 0.0107 | P    | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.318    | 42749.78 | 0.0211 | P    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 139.51   | 0.0001 | P    | 14.2 |

$$y = 2.1184\text{E-}005 * x + 4.5414\text{E-}005$$

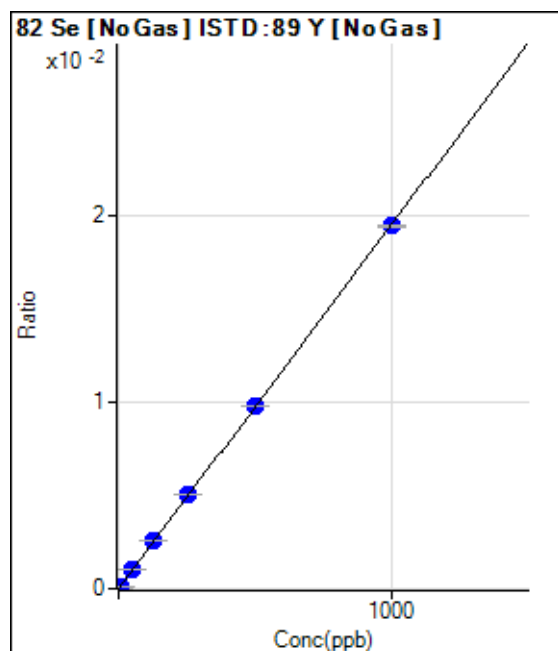
$$R = 0.9999$$

$$DL = 0.5619$$

$$BEC = 2.144$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|-----------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -24.79    | 0.0000 | P    | -168. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.781      | 1134.93   | 0.0001 | P    | 6.2   |
| 4 | <input type="checkbox"/> | 50.000   | 52.509     | 12729.91  | 0.0010 | P    | 1.3   |
| 5 | <input type="checkbox"/> | 125.000  | 131.649    | 31766.60  | 0.0026 | P    | 0.4   |
| 6 | <input type="checkbox"/> | 250.000  | 258.349    | 62257.87  | 0.0051 | P    | 0.8   |
| 7 | <input type="checkbox"/> | 500.000  | 500.241    | 119336.44 | 0.0098 | P    | 0.1   |
| 8 | <input type="checkbox"/> | 1000.000 | 996.837    | 237821.90 | 0.0195 | P    | 0.2   |
| 9 | <input type="checkbox"/> |          |            | 329.57    | 0.0000 | P    | 2.1   |

$$y = 1.9557\text{E-}005 * x - 1.9499\text{E-}006$$

$$R = 0.9999$$

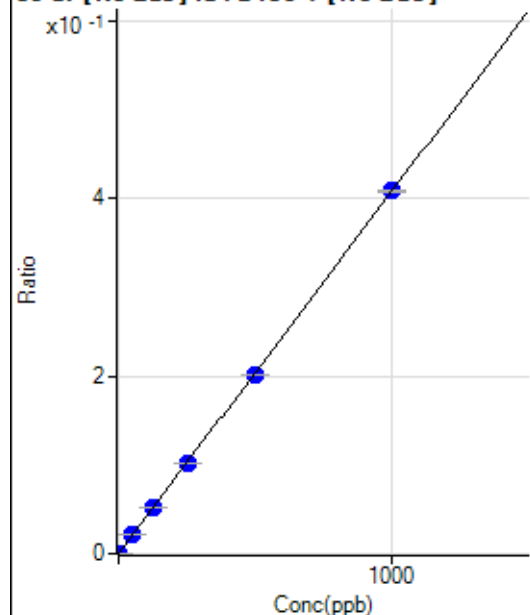
$$DL = 0.5029$$

$$BEC = -0.0997$$

Weight: <None>

Min Conc: 0

86 Sr [No Gas] ISTD:89 Y [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1561.26    | 0.0001 | P    | 2.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.970      | 6415.61    | 0.0005 | P    | 3.4 |
| 4 | <input type="checkbox"/> | 50.000   | 50.637     | 257956.42  | 0.0208 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 125.857    | 635166.65  | 0.0514 | P    | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 250.775    | 1261973.43 | 0.1024 | P    | 0.2 |
| 7 | <input type="checkbox"/> | 500.000  | 493.918    | 2458641.83 | 0.2015 | P    | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.708   | 4989679.45 | 0.4090 | P    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 160705.93  | 0.0142 | P    | 0.7 |

$$y = 4.0775E-004 * x + 1.2205E-004$$

$$R = 1.0000$$

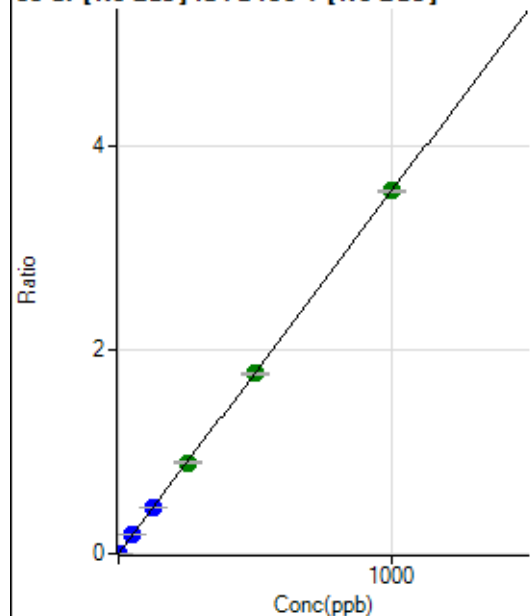
$$DL = 0.02363$$

$$BEC = 0.2993$$

Weight: &lt;None&gt;

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1508.49     | 0.0001 | P    | 6.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.923      | 42202.11    | 0.0034 | P    | 0.8 |
| 4 | <input type="checkbox"/> | 50.000   | 51.127     | 2261721.64  | 0.1821 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 129.197    | 5679676.78  | 0.4600 | P    | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 251.506    | 11036562.66 | 0.8953 | A    | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 496.529    | 21564104.13 | 1.7675 | A    | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.778   | 43460930.49 | 3.5623 | A    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 1408875.16  | 0.1245 | P    | 0.4 |

$$y = 0.0036 * x + 1.1790E-004$$

$$R = 1.0000$$

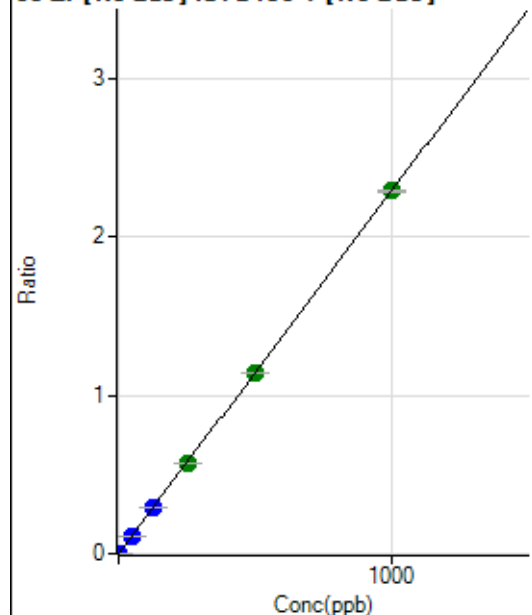
$$DL = 0.006292$$

$$BEC = 0.03312$$

Weight: &lt;None&gt;

Min Conc: 0

90 Zr [No Gas] ISTD: 89 Y [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 694.49      | 0.0001 | P        | 6.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.795      | 23236.42    | 0.0019 | P        | 2.0 |
| 4 | <input type="checkbox"/> | 50.000   | 49.670     | 1412668.66  | 0.1137 | P        | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 126.942    | 3588242.05  | 0.2906 | P        | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 250.869    | 7078740.09  | 0.5743 | A        | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 498.559    | 13922995.62 | 1.1412 | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.277   | 27932998.89 | 2.2895 | A        | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 8238.82     | 0.0007 | P        | 5.5 |

$$y = 0.0023 * x + 5.4289E-005$$

$$R = 1.0000$$

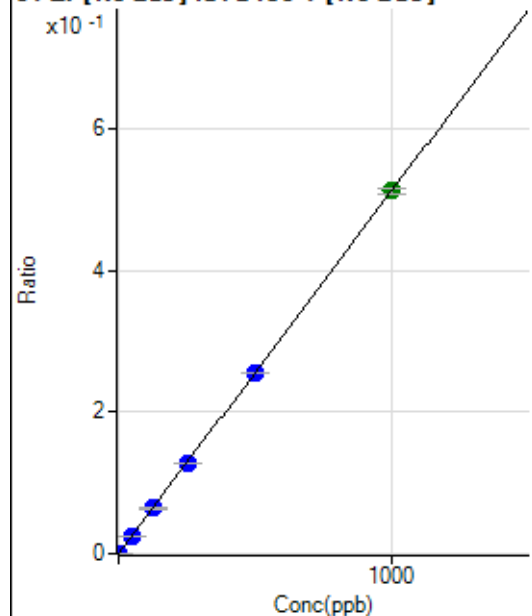
$$DL = 0.004689$$

$$BEC = 0.02372$$

Weight: &lt;None&gt;

Min Conc: 0

91 Zr [No Gas] ISTD: 89 Y [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 133.34     | 0.0000 | P        | 24.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.796      | 5181.72    | 0.0004 | P        | 4.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.086     | 312458.04  | 0.0252 | P        | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 124.834    | 789816.27  | 0.0640 | P        | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 249.448    | 1575467.15 | 0.1278 | P        | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 498.974    | 3119001.65 | 0.2556 | P        | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.717   | 6255162.08 | 0.5127 | A        | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 1877.98    | 0.0002 | P        | 6.1  |

$$y = 5.1232E-004 * x + 1.0419E-005$$

$$R = 1.0000$$

$$DL = 0.01504$$

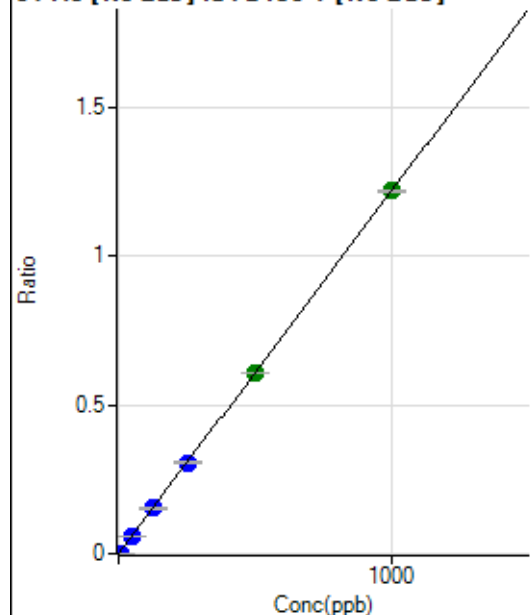
$$BEC = 0.02034$$

Weight: &lt;None&gt;

Min Conc: 0



94 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 352.80      | 0.0000 | P    | 25.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 1.848      | 28276.17    | 0.0023 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.217     | 745692.22   | 0.0600 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 124.770    | 1878817.17  | 0.1522 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 251.358    | 3778287.11  | 0.3065 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 498.757    | 7419940.88  | 0.6082 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.365   | 14881803.46 | 1.2198 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 26700.91    | 0.0024 | P    | 3.8  |

$$y = 0.0012 * x + 2.7605E-005$$

$$R = 1.0000$$

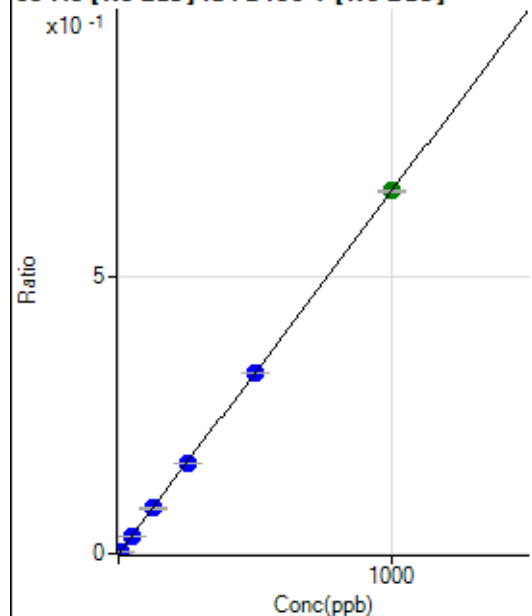
$$DL = 0.01711$$

$$BEC = 0.02264$$

Weight: &lt;None&gt;

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 150.01     | 0.0000 | P    | 10.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.313      | 35138.65   | 0.0028 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 50.000   | 49.317     | 401029.12  | 0.0323 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 124.759    | 1008344.10 | 0.0817 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 249.422    | 2012371.77 | 0.1633 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 497.590    | 3973377.34 | 0.3257 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.417   | 7996207.47 | 0.6554 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 42817.86   | 0.0038 | P    | 1.2  |

$$y = 6.5448E-004 * x + 1.1721E-005$$

$$R = 1.0000$$

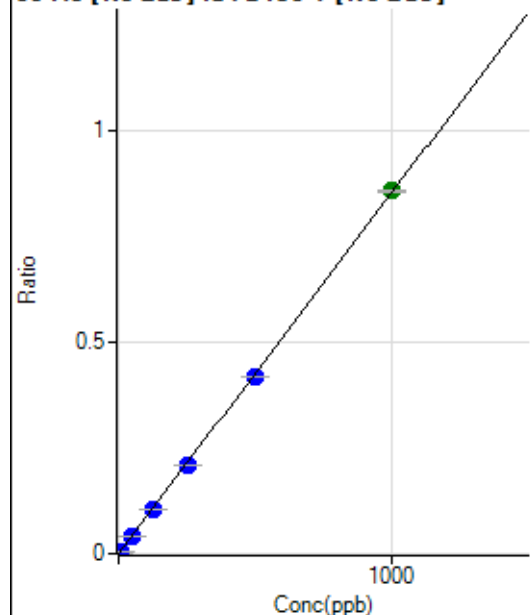
$$DL = 0.005649$$

$$BEC = 0.01791$$

Weight: &lt;None&gt;

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 230.57      | 0.0000 | P    | 16.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.674      | 39110.41    | 0.0032 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.147     | 521410.12   | 0.0420 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 123.200    | 1299092.07  | 0.1052 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 246.850    | 2598338.10  | 0.2108 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 491.296    | 5118181.10  | 0.4195 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.414   | 10473716.73 | 0.8585 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 51164.97    | 0.0045 | P    | 1.8  |

$$y = 8.5384\text{E-}004 * x + 1.8014\text{E-}005$$

$$R = 0.9999$$

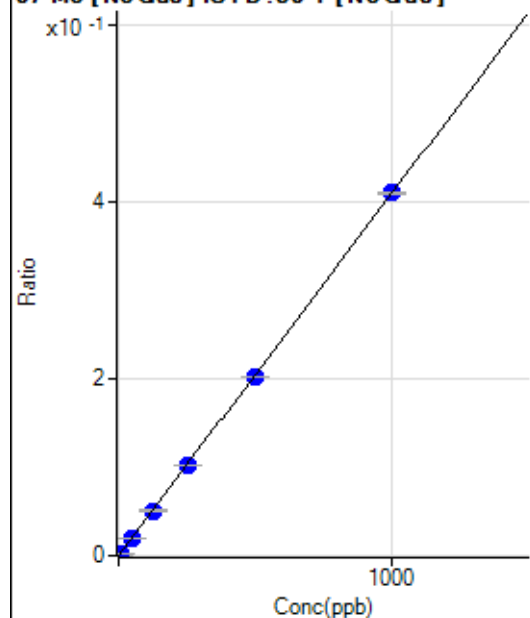
$$DL = 0.01022$$

$$BEC = 0.0211$$

Weight: &lt;None&gt;

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 125.01     | 0.0000 | P    | 13.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.398      | 22429.47   | 0.0018 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 49.634     | 252379.92  | 0.0203 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 124.789    | 630654.96  | 0.0511 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 249.911    | 1260765.92 | 0.1023 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 494.965    | 2471302.25 | 0.2026 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.588   | 5005633.84 | 0.4103 | P    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 25941.04   | 0.0023 | P    | 2.8  |

$$y = 4.0922\text{E-}004 * x + 9.7746\text{E-}006$$

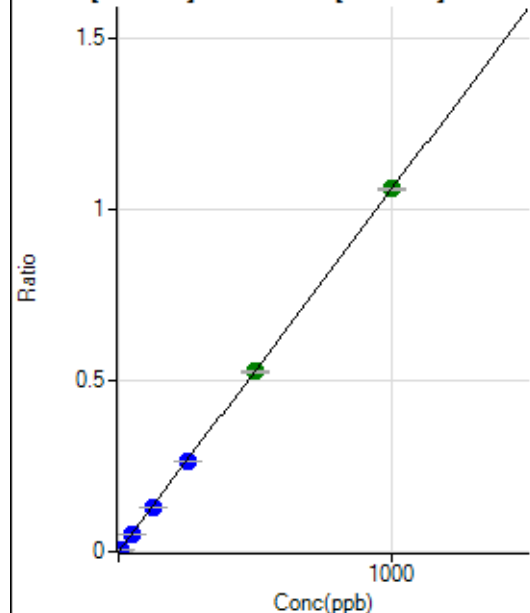
$$R = 1.0000$$

$$DL = 0.009738$$

$$BEC = 0.02389$$

Weight: &lt;None&gt;

Min Conc: 0

**98 Mo [No Gas] ISTD:89 Y [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 183.34      | 0.0000 | P    | 28.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.306      | 56733.17    | 0.0046 | P    | 0.4  |
| 4 | <input type="checkbox"/> | 50.000   | 49.423     | 650573.47   | 0.0524 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 124.163    | 1624603.70  | 0.1316 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 250.471    | 3271619.30  | 0.2654 | P    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 497.202    | 6427678.27  | 0.5268 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.418   | 12945578.85 | 1.0611 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 65052.35    | 0.0057 | P    | 1.3  |

$$y = 0.0011 * x + 1.4336E-005$$

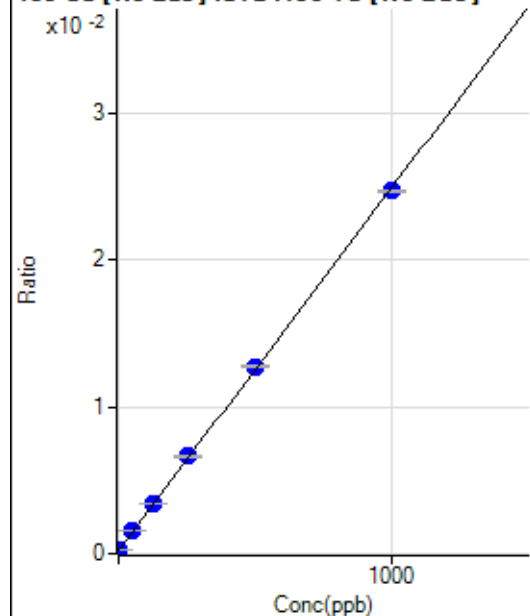
$$R = 1.0000$$

$$DL = 0.01156$$

$$BEC = 0.01353$$

Weight: &lt;None&gt;

Min Conc: 0

**106 Cd [No Gas] ISTD:159 Tb [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3370.00   | 0.0002 | P    | 1.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.447      | 3845.15   | 0.0002 | P    | 4.6 |
| 4 | <input type="checkbox"/> | 50.000   | 53.499     | 24661.26  | 0.0015 | P    | 1.5 |
| 5 | <input type="checkbox"/> | 125.000  | 131.015    | 55423.00  | 0.0034 | P    | 1.7 |
| 6 | <input type="checkbox"/> | 250.000  | 259.884    | 107189.57 | 0.0066 | P    | 1.2 |
| 7 | <input type="checkbox"/> | 500.000  | 508.753    | 204073.52 | 0.0128 | P    | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.225    | 397841.73 | 0.0247 | P    | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 3236.63   | 0.0002 | P    | 1.4 |

$$y = 2.4686E-005 * x + 2.0222E-004$$

$$R = 0.9999$$

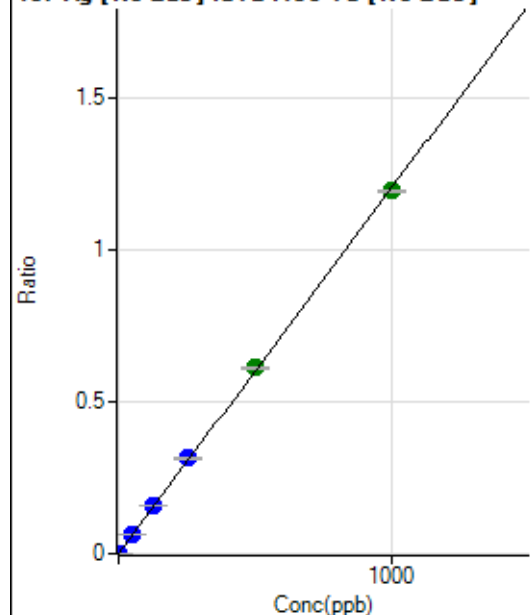
$$DL = 0.2781$$

$$BEC = 8.192$$

Weight: &lt;None&gt;

Min Conc: 0

107 Ag [No Gas] ISTD:159 Tb [No Gas]



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 105.56      | 0.0000 | P    | 31.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.196      | 23320.01    | 0.0014 | P    | 0.3  |
| 4 | <input type="checkbox"/> | 50.000   | 52.955     | 1030097.91  | 0.0636 | P    | 0.1  |
| 5 | <input type="checkbox"/> | 125.000  | 131.894    | 2555017.68  | 0.1584 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 260.723    | 5072560.10  | 0.3132 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 507.887    | 9755168.19  | 0.6100 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.366    | 19201318.14 | 1.1919 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 3975.75     | 0.0003 | P    | 7.4  |

$$y = 0.0012 * x + 6.3304E-006$$

$$R = 0.9999$$

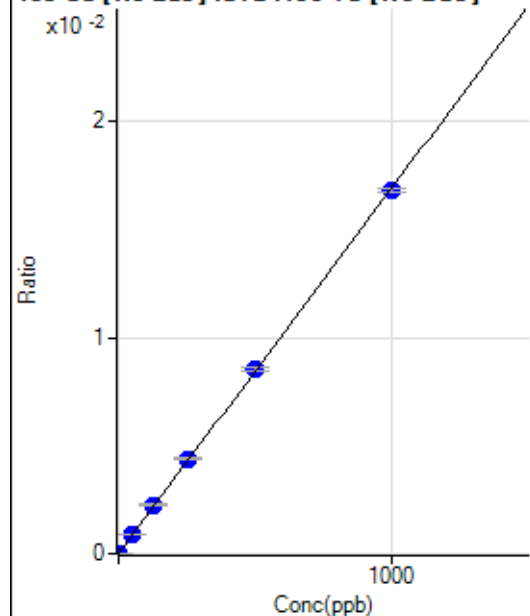
$$DL = 0.005001$$

$$BEC = 0.005271$$

Weight: &lt;None&gt;

Min Conc: 0

108 Cd [No Gas] ISTD:159 Tb [No Gas]



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5.55      | 0.0000 | P    | 86.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.952      | 265.29    | 0.0000 | P    | 19.7 |
| 4 | <input type="checkbox"/> | 50.000   | 52.853     | 14481.23  | 0.0009 | P    | 2.3  |
| 5 | <input type="checkbox"/> | 125.000  | 133.268    | 36355.28  | 0.0023 | P    | 1.6  |
| 6 | <input type="checkbox"/> | 250.000  | 260.285    | 71304.81  | 0.0044 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 505.661    | 136760.11 | 0.0086 | P    | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.422    | 270656.12 | 0.0168 | P    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 90.28     | 0.0000 | P    | 28.4 |

$$y = 1.6912E-005 * x + 3.3366E-007$$

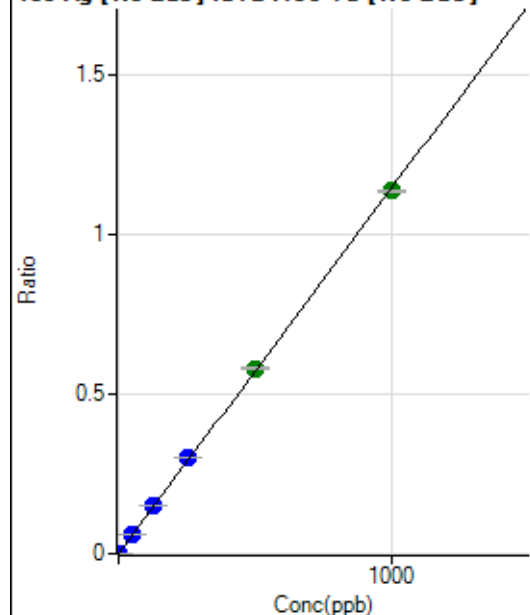
$$R = 0.9999$$

$$DL = 0.05126$$

$$BEC = 0.01973$$

Weight: &lt;None&gt;

Min Conc: 0

**109 Ag [No Gas] ISTD :159 Tb [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 55.56       | 0.0000 | P    | 17.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.205      | 22343.43    | 0.0014 | P    | 3.7  |
| 4 | <input type="checkbox"/> | 50.000   | 53.055     | 983808.56   | 0.0608 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 133.035    | 2456749.53  | 0.1523 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 261.990    | 4859012.83  | 0.3000 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 506.210    | 9268751.16  | 0.5796 | A    | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.740    | 18311142.25 | 1.1367 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 3917.37     | 0.0003 | P    | 3.2  |

$$y = 0.0011 * x + 3.3352E-006$$

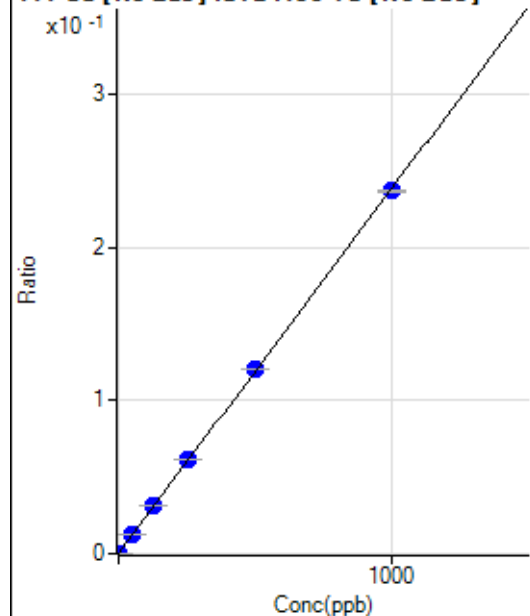
$$R = 0.9999$$

$$DL = 0.001546$$

$$BEC = 0.002913$$

Weight: &lt;None&gt;

Min Conc: 0

**111 Cd [No Gas] ISTD :159 Tb [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2362.06    | 0.0001 | P    | 1.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.015      | 6191.19    | 0.0004 | P    | 0.9 |
| 4 | <input type="checkbox"/> | 50.000   | 52.779     | 205582.63  | 0.0127 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 131.174    | 505482.60  | 0.0313 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 258.056    | 996475.09  | 0.0615 | P    | 1.0 |
| 7 | <input type="checkbox"/> | 500.000  | 505.016    | 1923111.25 | 0.1203 | P    | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.567    | 3813038.91 | 0.2367 | P    | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 3141.39    | 0.0002 | P    | 2.8 |

$$y = 2.3784E-004 * x + 1.4174E-004$$

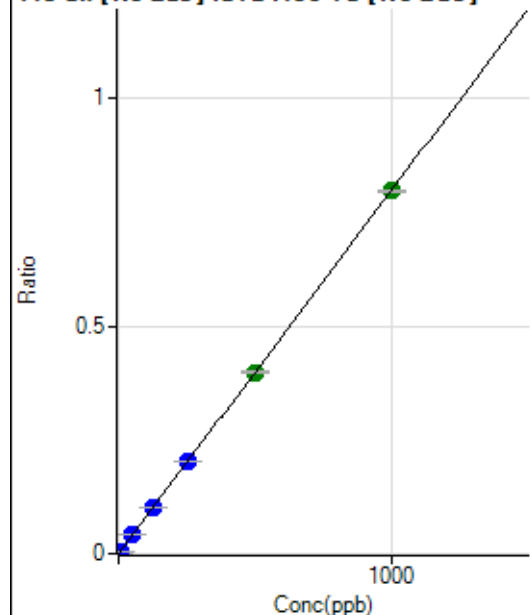
$$R = 0.9999$$

$$DL = 0.02003$$

$$BEC = 0.5959$$

Weight: &lt;None&gt;

Min Conc: 0

**118 Sn [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1547.38     | 0.0001 | P    | 5.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.460      | 59022.10    | 0.0037 | P    | 1.2 |
| 4 | <input type="checkbox"/> | 50.000   | 50.855     | 658719.25   | 0.0407 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 127.269    | 1639611.84  | 0.1017 | P    | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 254.661    | 3293366.98  | 0.2033 | P    | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 499.922    | 6381342.72  | 0.3990 | A    | 0.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.550    | 12839281.54 | 0.7970 | A    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 19786.87    | 0.0013 | P    | 2.0 |

$$y = 7.9803E-004 * x + 9.2865E-005$$

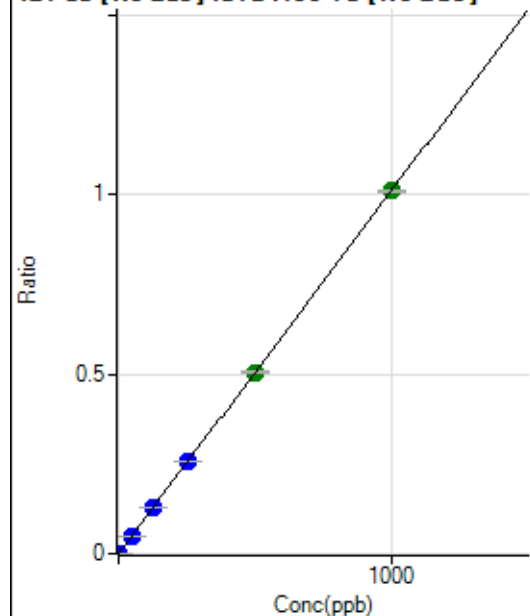
$$R = 1.0000$$

$$DL = 0.01813$$

$$BEC = 0.1164$$

Weight: &lt;None&gt;

Min Conc: 0

**121 Sb [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 44.45       | 0.0000 | P    | 38.8 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.837      | 30035.86    | 0.0019 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.781     | 814257.81   | 0.0503 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 126.879    | 2066853.11  | 0.1282 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 253.576    | 4148532.73  | 0.2561 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 499.009    | 8059800.62  | 0.5040 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.378    | 16260654.88 | 1.0094 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 54777.26    | 0.0036 | P    | 4.0  |

$$y = 0.0010 * x + 2.6648E-006$$

$$R = 1.0000$$

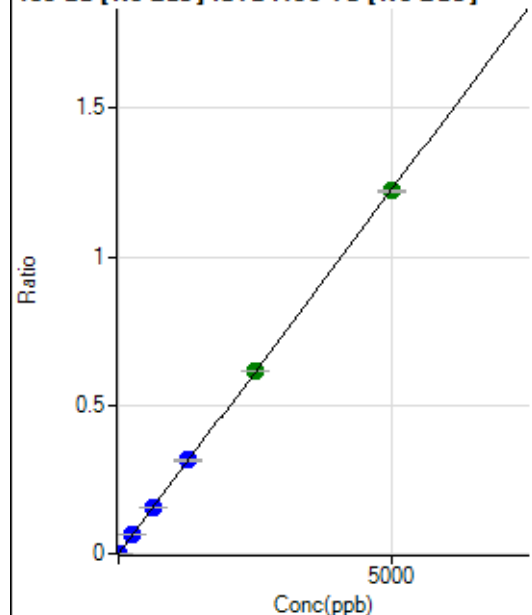
$$DL = 0.00307$$

$$BEC = 0.002638$$

Weight: &lt;None&gt;

Min Conc: 0

135 Ba [No Gas] ISTD : 159 Tb [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 83.34       | 0.0000 | P    | 10.3 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 8.931      | 35440.74    | 0.0022 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 250.000  | 253.012    | 1003780.17  | 0.0620 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 625.000  | 640.269    | 2529808.39  | 0.1568 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1284.995   | 5098882.02  | 0.3148 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 2500.000 | 2505.106   | 9813751.18  | 0.6137 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 4986.641   | 19678874.57 | 1.2216 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 9386.87     | 0.0006 | P    | 1.2  |

$$y = 2.4497\text{E-}004 * x + 5.0018\text{E-}006$$

$$R = 1.0000$$

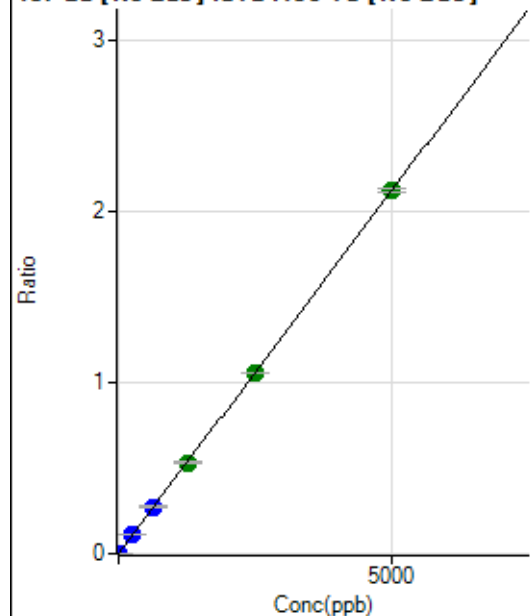
$$DL = 0.006298$$

$$BEC = 0.02042$$

Weight: &lt;None&gt;

Min Conc: 0

137 Ba [No Gas] ISTD : 159 Tb [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 88.89       | 0.0000 | P    | 47.0 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 8.763      | 60150.95    | 0.0037 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 250.000  | 254.743    | 1749759.00  | 0.1080 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 625.000  | 647.607    | 4430009.73  | 0.2747 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 1250.000 | 1255.349   | 8624067.99  | 0.5324 | A    | 1.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2491.071   | 16895805.59 | 1.0565 | A    | 0.9  |
| 8 | <input type="checkbox"/> | 5000.000 | 5000.066   | 34162448.68 | 2.1207 | A    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 16237.94    | 0.0011 | P    | 2.6  |

$$y = 4.2413\text{E-}004 * x + 5.3303\text{E-}006$$

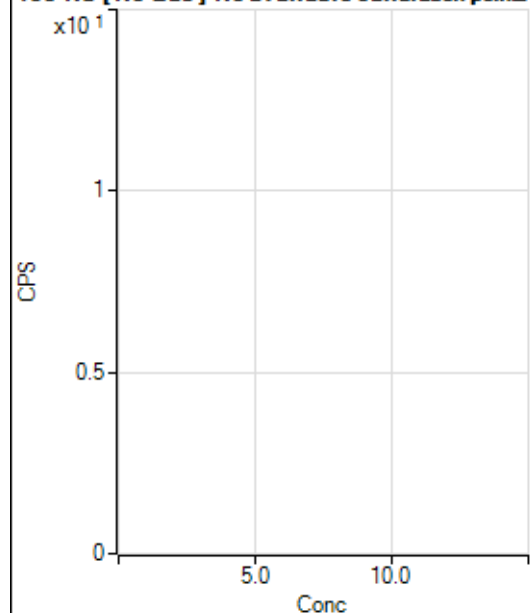
$$R = 1.0000$$

$$DL = 0.01773$$

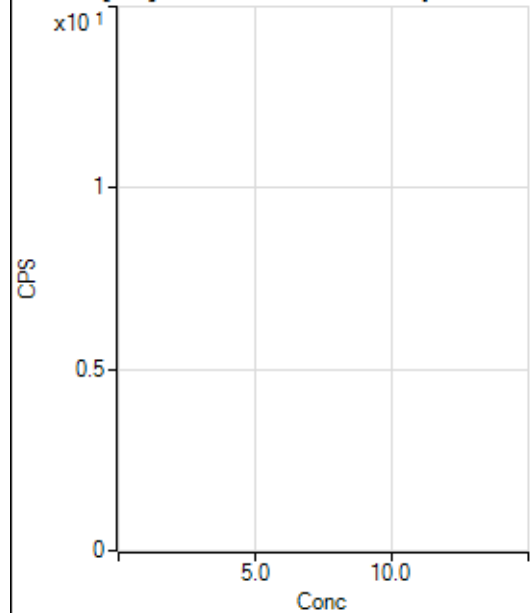
$$BEC = 0.01257$$

Weight: &lt;None&gt;

Min Conc: 0

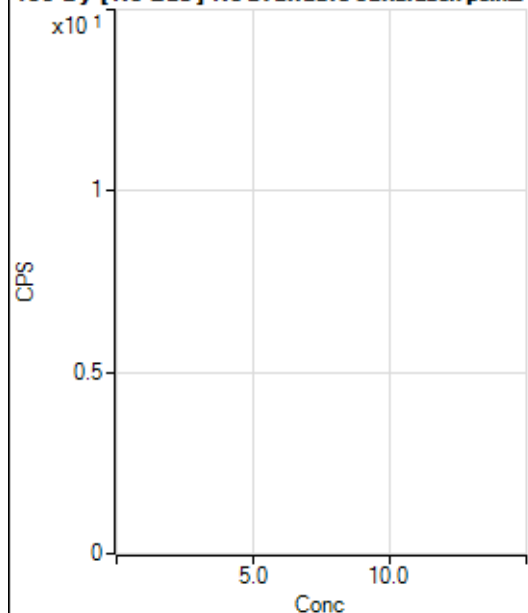
**150 Nd [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 114.5 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 34.6  |
| 4 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 34.6  |
| 5 | <input type="checkbox"/> |       |            | 102.23 |       | P        | 21.0  |
| 6 | <input type="checkbox"/> |       |            | 264.46 |       | P        | 11.4  |
| 7 | <input type="checkbox"/> |       |            | 400.02 |       | P        | 6.7   |
| 8 | <input type="checkbox"/> |       |            | 828.94 |       | P        | 9.1   |
| 9 | <input type="checkbox"/> |       |            | 244.46 |       | P        | 15.0  |

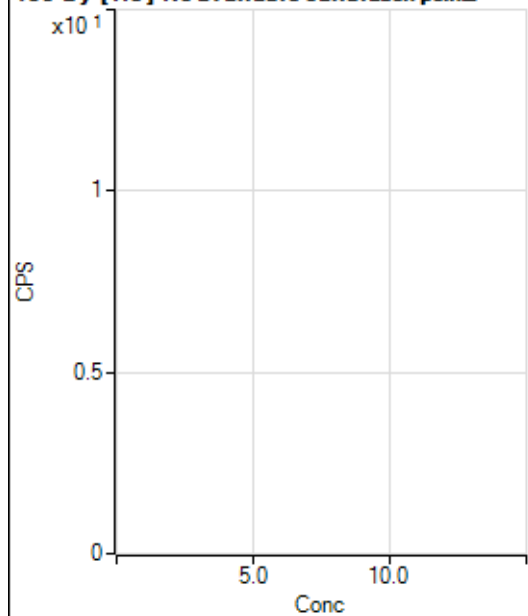
**150 Nd [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100.1 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 173.2 |
| 4 | <input type="checkbox"/> |       |            | 4.44   |       | P        | 43.4  |
| 5 | <input type="checkbox"/> |       |            | 18.89  |       | P        | 36.7  |
| 6 | <input type="checkbox"/> |       |            | 34.44  |       | P        | 53.3  |
| 7 | <input type="checkbox"/> |       |            | 55.55  |       | P        | 12.5  |
| 8 | <input type="checkbox"/> |       |            | 83.33  |       | P        | 8.0   |
| 9 | <input type="checkbox"/> |       |            | 118.89 |       | P        | 24.2  |

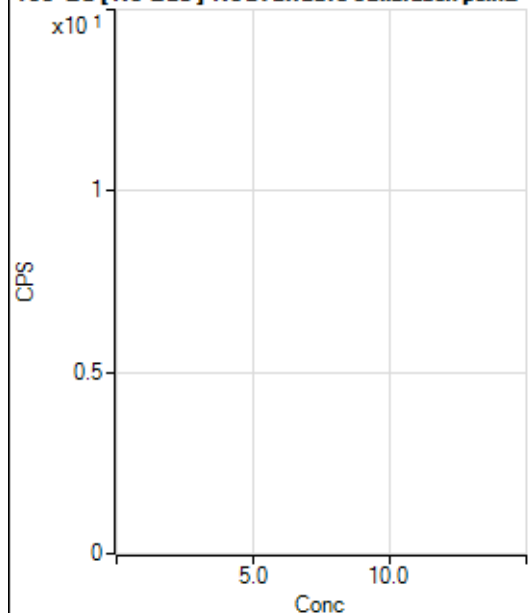


**156 Dy [ No Gas ] No available calibration points**

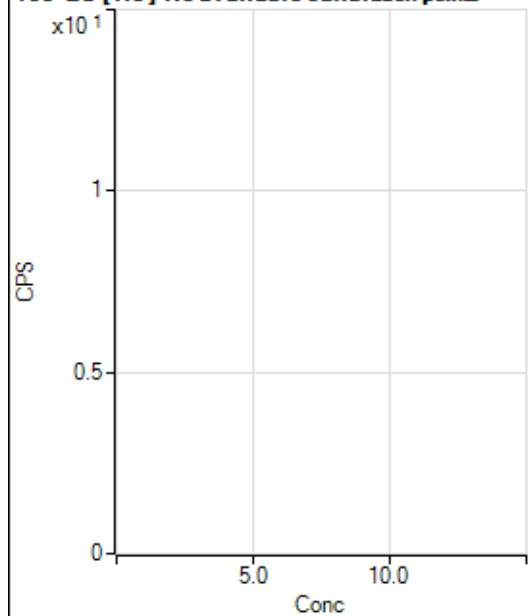
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 5.55   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 69.3 |
| 4 | <input type="checkbox"/> |       |            | 30.55  |       | P        | 15.7 |
| 5 | <input type="checkbox"/> |       |            | 36.11  |       | P        | 26.7 |
| 6 | <input type="checkbox"/> |       |            | 125.01 |       | P        | 20.0 |
| 7 | <input type="checkbox"/> |       |            | 161.12 |       | P        | 26.0 |
| 8 | <input type="checkbox"/> |       |            | 266.68 |       | P        | 25.6 |
| 9 | <input type="checkbox"/> |       |            | 313.91 |       | P        | 24.7 |

**156 Dy [ He ] No available calibration points**

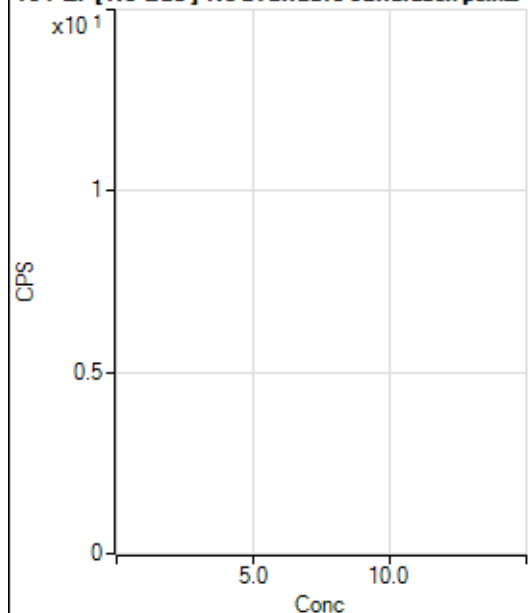
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 43.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 4.45   |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 26.67  |       | P        | 33.1 |
| 5 | <input type="checkbox"/> |       |            | 25.55  |       | P        | 27.1 |
| 6 | <input type="checkbox"/> |       |            | 53.33  |       | P        | 6.3  |
| 7 | <input type="checkbox"/> |       |            | 84.45  |       | P        | 16.0 |
| 8 | <input type="checkbox"/> |       |            | 212.23 |       | P        | 9.6  |
| 9 | <input type="checkbox"/> |       |            | 135.56 |       | P        | 15.6 |

**160 Gd [ No Gas ] Noavailable calibration poin...**

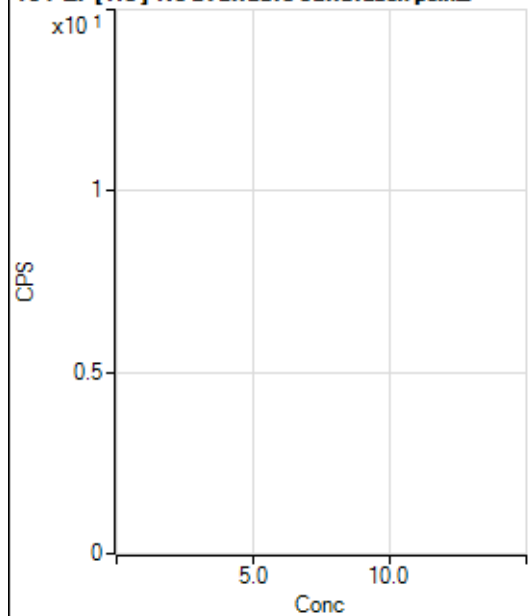
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 10.2 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 122.23 |       | P        | 19.7 |
| 4 | <input type="checkbox"/> |       |            | 113.89 |       | P        | 33.8 |
| 5 | <input type="checkbox"/> |       |            | 102.78 |       | P        | 30.7 |
| 6 | <input type="checkbox"/> |       |            | 130.56 |       | P        | 39.0 |
| 7 | <input type="checkbox"/> |       |            | 172.23 |       | P        | 12.2 |
| 8 | <input type="checkbox"/> |       |            | 200.01 |       | P        | 11.0 |
| 9 | <input type="checkbox"/> |       |            | 275.02 |       | P        | 25.9 |

**160 Gd [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 155.56 |       | P        | 19.9 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 153.34 |       | P        | 9.5  |
| 4 | <input type="checkbox"/> |       |            | 156.67 |       | P        | 15.3 |
| 5 | <input type="checkbox"/> |       |            | 155.56 |       | P        | 7.5  |
| 6 | <input type="checkbox"/> |       |            | 158.89 |       | P        | 8.5  |
| 7 | <input type="checkbox"/> |       |            | 168.89 |       | P        | 20.7 |
| 8 | <input type="checkbox"/> |       |            | 217.78 |       | P        | 12.4 |
| 9 | <input type="checkbox"/> |       |            | 255.56 |       | P        | 0.8  |

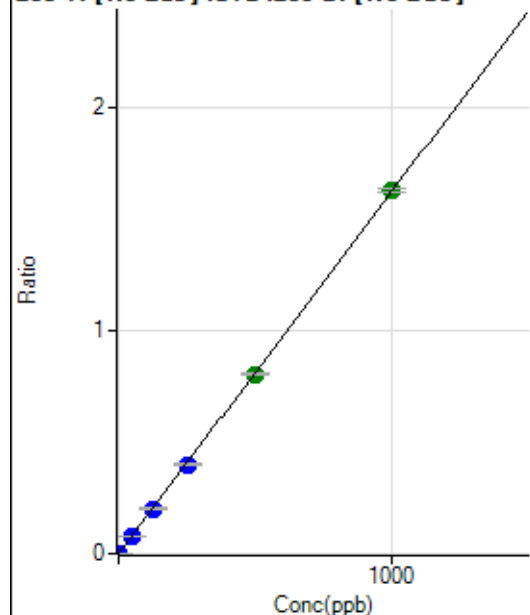
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 36.11  |       | P        | 48.0 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 45.4 |
| 4 | <input type="checkbox"/> |       |            | 75.01  |       | P        | 29.4 |
| 5 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 6.9  |
| 6 | <input type="checkbox"/> |       |            | 50.00  |       | P        | 28.9 |
| 7 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 8.1  |
| 8 | <input type="checkbox"/> |       |            | 86.12  |       | P        | 29.6 |
| 9 | <input type="checkbox"/> |       |            | 141.67 |       | P        | 27.0 |

**164 Er [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 36.7 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 25.56 |       | P        | 37.7 |
| 4 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 31.2 |
| 5 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 37.8 |
| 6 | <input type="checkbox"/> |       |            | 31.11 |       | P        | 37.6 |
| 7 | <input type="checkbox"/> |       |            | 45.56 |       | P        | 18.4 |
| 8 | <input type="checkbox"/> |       |            | 55.56 |       | P        | 15.1 |
| 9 | <input type="checkbox"/> |       |            | 85.56 |       | P        | 28.7 |

203 Tl [No Gas] ISTD :209 Bi [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 77.78       | 0.0000 | P    | 16.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.915      | 15873.99    | 0.0015 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 49.104     | 843011.65   | 0.0797 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 124.283    | 2115357.88  | 0.2018 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 246.915    | 4212025.05  | 0.4009 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 495.349    | 8192658.60  | 0.8042 | A    | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.231   | 16392055.23 | 1.6287 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 9931.87     | 0.0011 | P    | 3.5  |

$$y = 0.0016 * x + 7.0948E-006$$

$$R = 1.0000$$

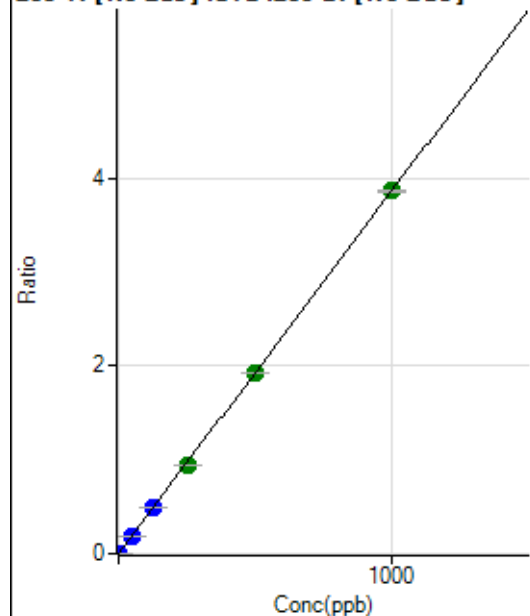
$$DL = 0.002216$$

$$BEC = 0.00437$$

Weight: &lt;None&gt;

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 294.46      | 0.0000 | P    | 24.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.896      | 37047.10    | 0.0035 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.917     | 2037406.81  | 0.1927 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 127.235    | 5148514.74  | 0.4911 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 245.215    | 9944352.05  | 0.9464 | A    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 499.481    | 19639165.89 | 1.9277 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.181   | 38889627.26 | 3.8639 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 24593.05    | 0.0028 | P    | 0.7  |

$$y = 0.0039 * x + 2.6848E-005$$

$$R = 1.0000$$

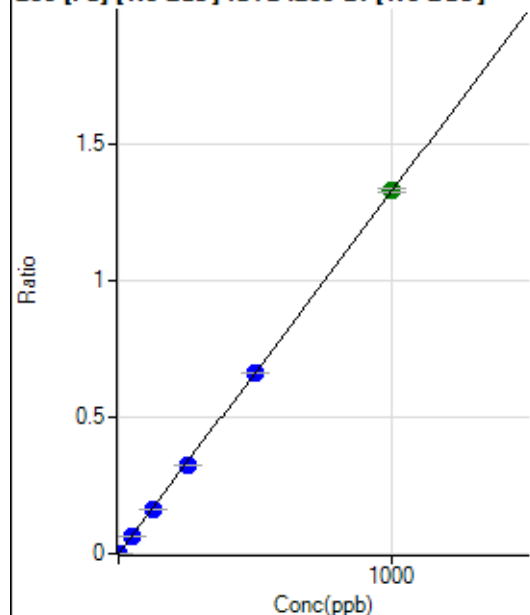
$$DL = 0.005093$$

$$BEC = 0.006957$$

Weight: &lt;None&gt;

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 725.97      | 0.0001 | P    | 5.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.736      | 25163.19    | 0.0024 | P    | 1.4 |
| 4 | <input type="checkbox"/> | 50.000   | 48.946     | 686455.98   | 0.0649 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 123.143    | 1711198.01  | 0.1632 | P    | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 244.266    | 3401310.46  | 0.3237 | P    | 1.0 |
| 7 | <input type="checkbox"/> | 500.000  | 499.466    | 6742588.00  | 0.6618 | P    | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.985   | 13362118.82 | 1.3276 | A    | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 24270.78    | 0.0028 | P    | 2.3 |

$$y = 0.0013 * x + 6.6171E-005$$

$$R = 1.0000$$

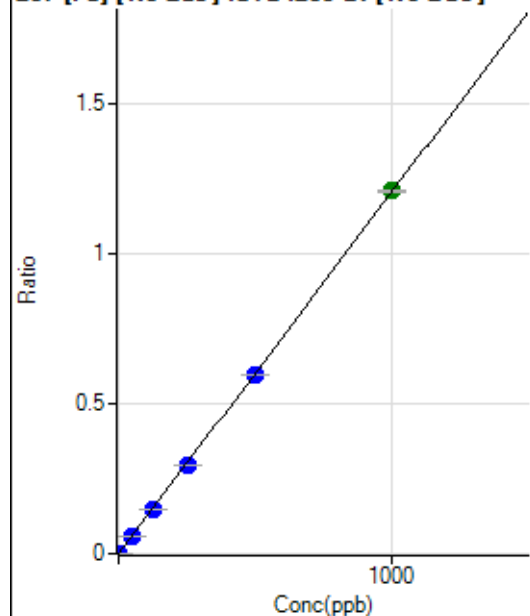
$$DL = 0.007902$$

$$BEC = 0.04994$$

Weight: &lt;None&gt;

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 642.63      | 0.0001 | P    | 1.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.678      | 22089.28    | 0.0021 | P    | 1.0 |
| 4 | <input type="checkbox"/> | 50.000   | 48.639     | 619090.31   | 0.0585 | P    | 0.7 |
| 5 | <input type="checkbox"/> | 125.000  | 122.177    | 1540860.86  | 0.1470 | P    | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 243.288    | 3074607.82  | 0.2926 | P    | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 494.848    | 6062843.77  | 0.5951 | P    | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.674   | 12160102.47 | 1.2082 | A    | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 20417.98    | 0.0023 | P    | 1.1 |

$$y = 0.0012 * x + 5.8588E-005$$

$$R = 1.0000$$

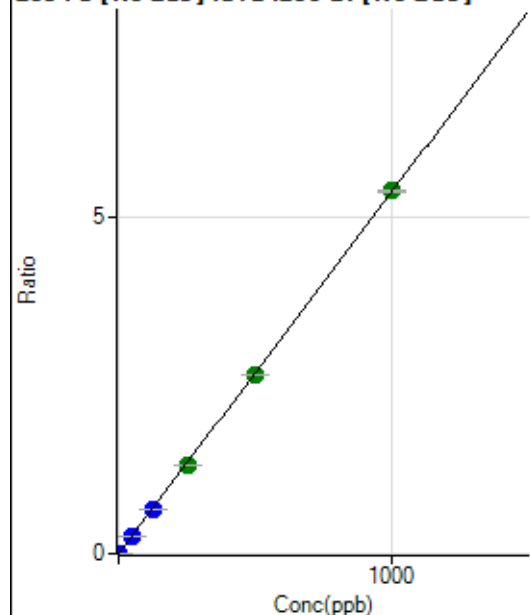
$$DL = 0.002566$$

$$BEC = 0.04872$$

Weight: &lt;None&gt;

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2998.38     | 0.0003 | P   | 4.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.713      | 100829.26   | 0.0095 | P   | 0.6 |
| 4 | <input type="checkbox"/> | 50.000   | 49.167     | 2796953.76  | 0.2645 | P   | 0.4 |
| 5 | <input type="checkbox"/> | 125.000  | 124.090    | 6994333.60  | 0.6671 | P   | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 245.434    | 13862235.06 | 1.3193 | A   | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 495.339    | 27122790.19 | 2.6623 | A   | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.627   | 54289472.86 | 5.3939 | A   | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 94623.75    | 0.0109 | P   | 0.6 |

$$y = 0.0054 * x + 2.7338E-004$$

$$R = 1.0000$$

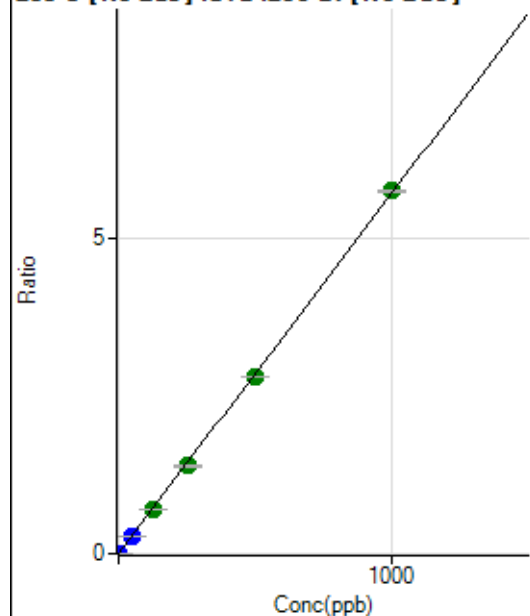
$$DL = 0.007053$$

$$BEC = 0.05087$$

Weight: &lt;None&gt;

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 369.47      | 0.0000 | P   | 14.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.834      | 51001.70    | 0.0048 | P   | 1.8  |
| 4 | <input type="checkbox"/> | 50.000   | 47.307     | 2856300.80  | 0.2701 | P   | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 122.225    | 7316347.82  | 0.6978 | A   | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 243.185    | 14589036.52 | 1.3884 | A   | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 489.363    | 28463566.09 | 2.7939 | A   | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1007.504   | 57894270.39 | 5.7520 | A   | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 13941.41    | 0.0016 | P   | 1.6  |

$$y = 0.0057 * x + 3.3692E-005$$

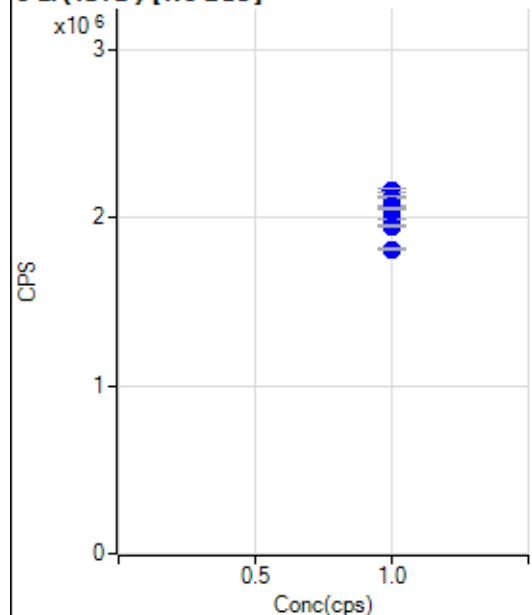
$$R = 0.9999$$

$$DL = 0.002583$$

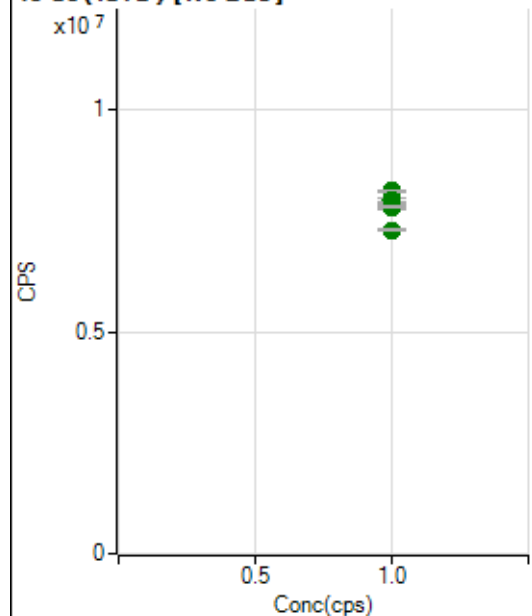
$$BEC = 0.005901$$

Weight: &lt;None&gt;

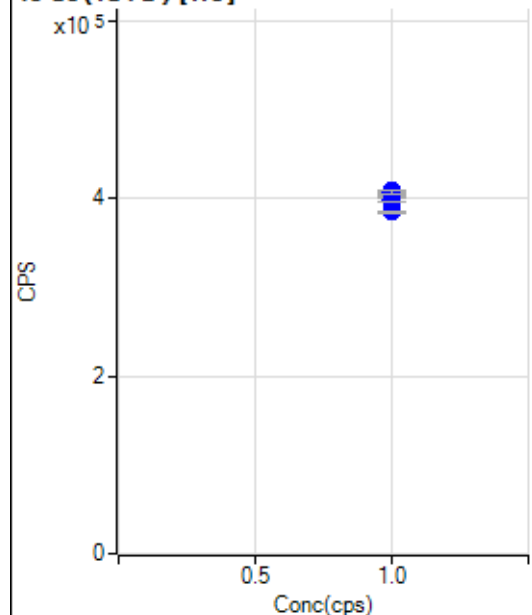
Min Conc: 0

**6 Li (ISTD) [No Gas]**

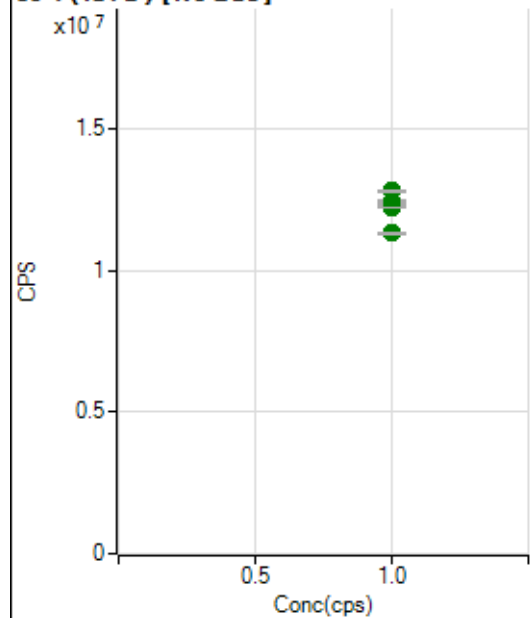
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2055138.82 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2161661.74 |       | P        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2121392.70 |       | P        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2069305.82 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2056962.31 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1990399.38 |       | P        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1950094.26 |       | P        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1811999.28 |       | P        | 0.6 |

**45 Sc (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8170026.74 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7905160.51 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7966260.34 |       | A        | 1.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7942318.06 |       | A        | 1.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7914775.87 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7778839.58 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7820690.71 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7284432.19 |       | A        | 0.5 |

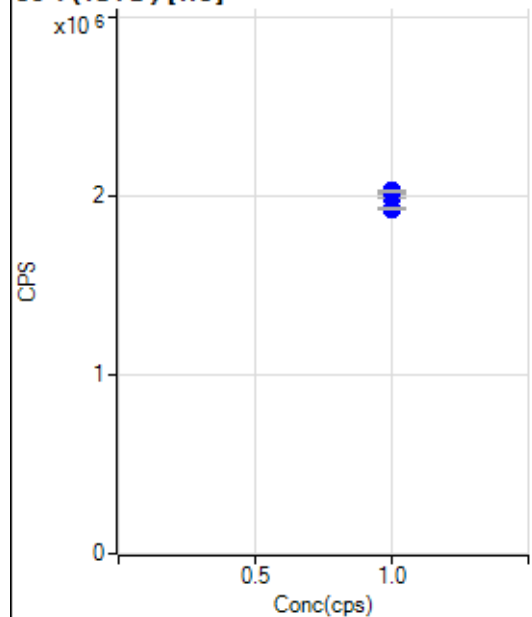
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 403030.24 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 408260.59 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 397983.23 |       | P        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 403734.72 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 400810.58 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 395555.75 |       | P        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 406637.86 |       | P        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 385007.92 |       | P        | 0.6 |

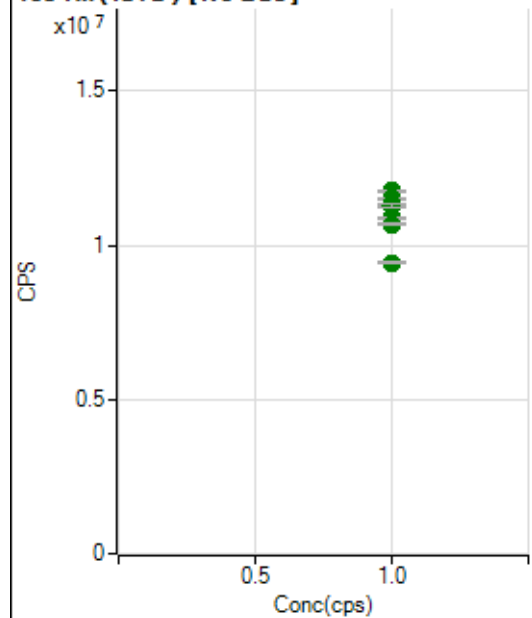
**89 Y (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12792563.84 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 12396767.45 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12420390.93 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12347551.90 |       | A        | 0.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 12326929.82 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 12200540.79 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 12200341.48 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 11316381.64 |       | A        | 0.7 |

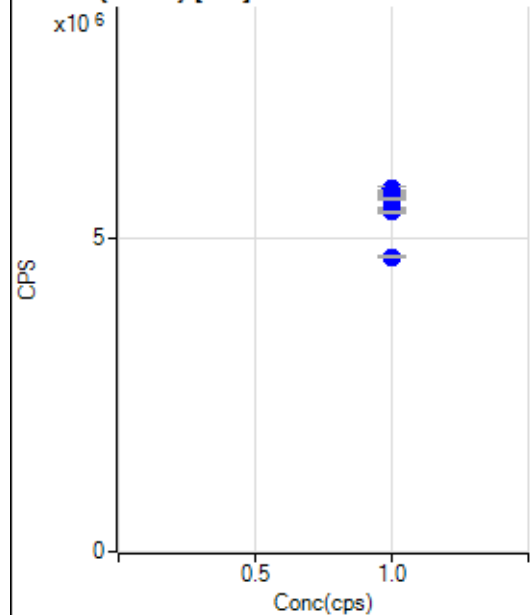


**89 Y(ISTD) [He]**

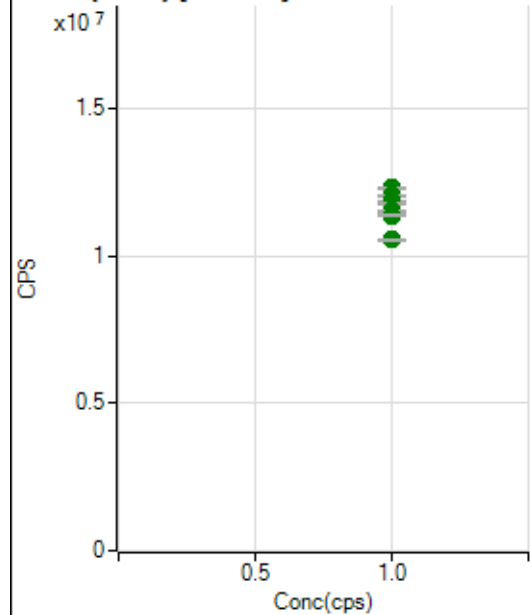
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2011166.43 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2012536.54 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2018096.73 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2025226.07 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2016698.86 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1986296.79 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2023083.42 |       | P        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1926531.91 |       | P        | 0.6 |

**103 Rh(ISTD) [No Gas]**

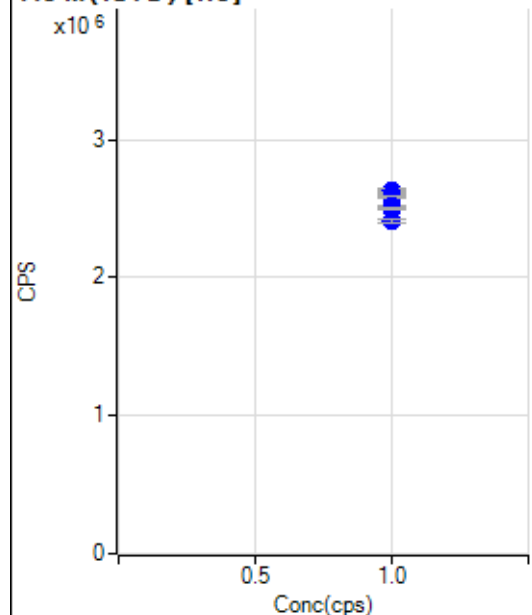
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11758050.52 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 11483911.11 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11500429.25 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11314163.97 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11282672.39 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10881993.64 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10669026.11 |       | A        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9426355.86  |       | A        | 0.7 |

**103 Rh (ISTD) [He]**

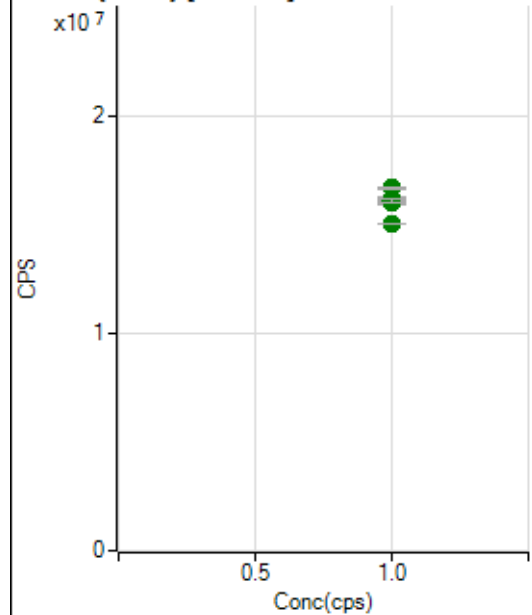
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5750581.79 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5790815.05 |       | P        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5725380.47 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5678833.46 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5622166.03 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5475081.44 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5419611.52 |       | P        | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4701197.74 |       | P        | 0.6 |

**115 In (ISTD) [No Gas]**

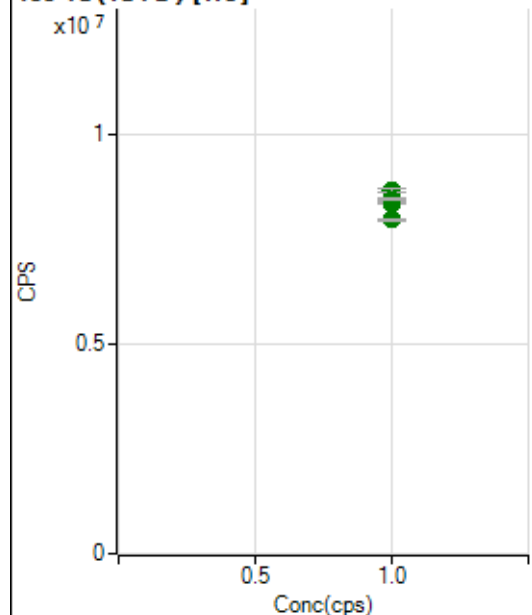
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12324801.37 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 12059796.27 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12051542.67 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11871747.18 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11810741.46 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11534005.56 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 11380649.53 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10577206.88 |       | A        | 0.7 |

**115 In (ISTD) [He]**

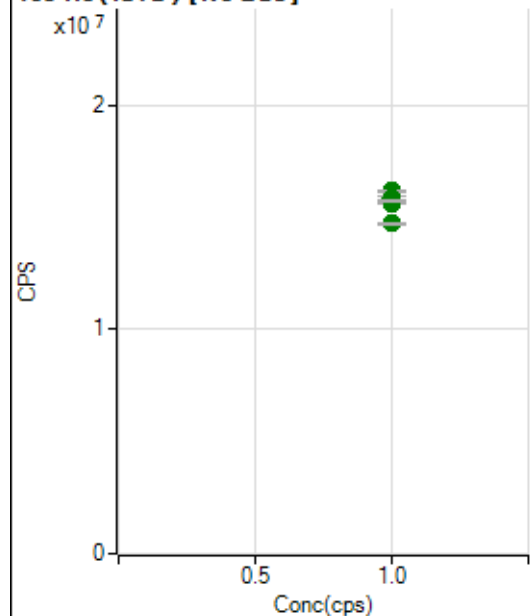
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2625742.37 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2628559.92 |       | P        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2610309.78 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2604001.76 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2582386.93 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2515578.25 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2499892.99 |       | P        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2408323.00 |       | P        | 1.3 |

**159 Tb (ISTD) [No Gas]**

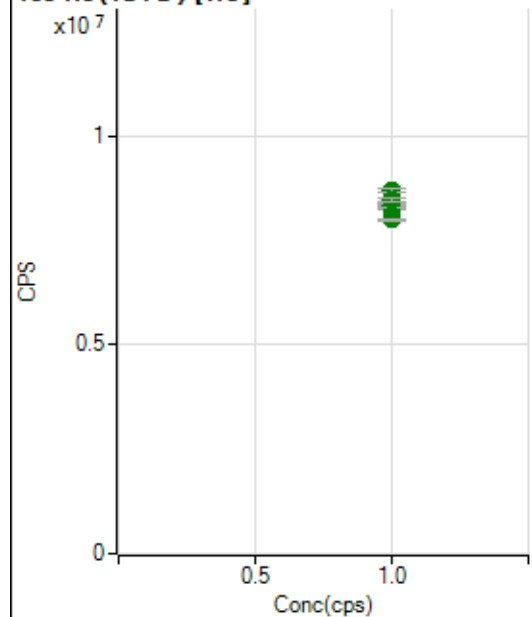
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 16664453.22 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 16161455.87 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 16194187.95 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 16129541.43 |       | A        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 16198846.15 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 15992113.65 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 16110283.09 |       | A        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 15034613.25 |       | A        | 0.3 |

**159 Tb (ISTD) [He]**

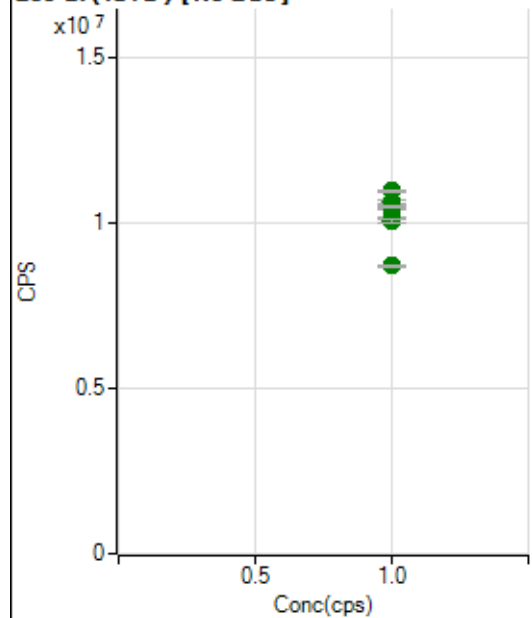
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8658931.54 |       | A        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8353566.33 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8362477.86 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8392379.11 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8412759.88 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8349577.73 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8465776.05 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7965763.36 |       | A        | 0.3 |

**165 Ho (ISTD) [No Gas]**

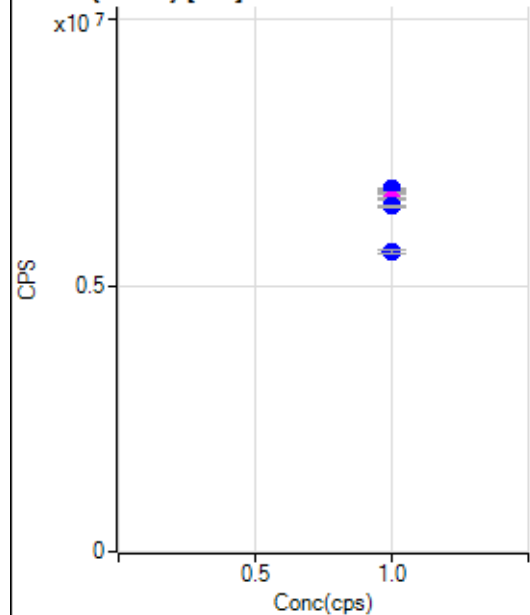
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 16173146.02 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 15777168.58 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 15733309.20 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 15722230.56 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 15858462.68 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 15610629.69 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 15759070.14 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 14703701.72 |       | A        | 0.6 |

**165 Ho (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8694018.13 |       | A        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8311243.63 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8256809.53 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8380111.13 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8375872.30 |       | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8347139.95 |       | A        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8498840.57 |       | A        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8009220.51 |       | A        | 0.7 |

**209 Bi (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10969206.64 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 10636402.41 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10574453.31 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10484664.29 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10507811.37 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10187870.68 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10065223.95 |       | A        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8697602.44  |       | A        | 0.5 |

**209 Bi (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6820987.74 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6763149.14 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6737075.32 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6734780.45 |       | P        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6627163.10 |       | M        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6503749.70 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6496682.12 |       | P        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5647131.58 |       | P        | 1.1 |

US EPA Tune Check Sample Report

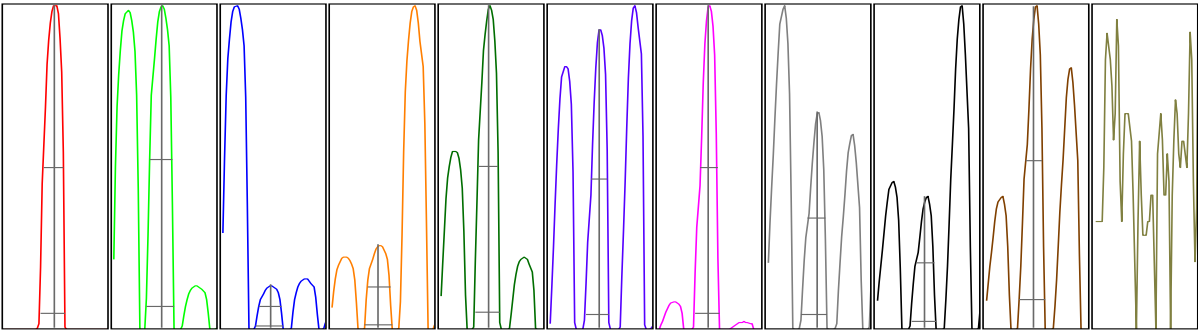
Batch Folder D:\ICP-MS Data\P7080817-MS .b  
Report Comment  
Instrument Name G8403A JP14410463

[No Gas]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
|------|-----------------|------------------|--------------------|----------------|
| 9    | 14150           | 0.55             | 5.00               |                |
| 24   | 83692           | 0.27             | 5.00               |                |
| 25   | 11154           | 0.53             | 5.00               |                |
| 26   | 13135           | 0.30             | 5.00               |                |
| 59   | 136646          | 0.38             | 5.00               |                |
| 113  | 15048           | 0.57             | 5.00               |                |
| 115  | 193509          | 0.80             | 5.00               |                |
| 206  | 49337           | 0.62             | 5.00               |                |
| 207  | 44680           | 0.37             | 5.00               |                |
| 208  | 106011          | 0.59             | 5.00               |                |
| 220  | 0               | 34.23            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 14086                | 14283                | 14107                | 14136                | 14137                |
| 24   | 83480                | 84035                | 83523                | 83797                | 83627                |
| 25   | 11118                | 11077                | 11226                | 11196                | 11156                |
| 26   | 13099                | 13188                | 13097                | 13130                | 13160                |
| 59   | 135762               | 137011               | 136906               | 136585               | 136965               |
| 113  | 14981                | 14943                | 15055                | 15142                | 15121                |
| 115  | 190786               | 193791               | 194377               | 194593               | 193996               |
| 206  | 48822                | 49443                | 49319                | 49626                | 49478                |
| 207  | 44567                | 44560                | 44637                | 44959                | 44675                |
| 208  | 104978               | 105860               | 106378               | 106324               | 106518               |
| 220  | 1                    | 0                    | 0                    | 1                    | 0                    |

Integration Time [sec] = 0.1



| Mass | Peak<br>Height | Axis<br>(Actual) | Axis<br>(Required) | Axis<br>(Flag) | Width-X%<br>(Actual) | Width-X%<br>(Required) | Width-<br>X%<br>(Flag) |
|------|----------------|------------------|--------------------|----------------|----------------------|------------------------|------------------------|
| 9    | 24830          | 9.00             | 8.9 - 9.1          |                | 0.736                | 0.900                  |                        |
| 24   | 136990         | 23.95            | 23.9 - 24.1        |                | 0.805                | 0.900                  |                        |
| 25   | 18506          | 24.95            | 24.9 - 25.1        |                | 0.786                | 0.900                  |                        |
| 26   | 21445          | 25.90            | 25.9 - 26.1        |                | 0.784                | 0.900                  |                        |
| 59   | 246583         | 58.95            | 58.9 - 59.1        |                | 0.736                | 0.900                  |                        |
| 113  | 30888          | 113.00           | 112.9 - 113.1      |                | 0.690                | 0.900                  |                        |
| 115  | 395744         | 115.00           | 114.9 - 115.1      |                | 0.726                | 0.900                  |                        |
| 206  | 100185         | 206.00           | 205.9 - 206.1      |                | 0.732                | 0.900                  |                        |
| 207  | 89283          | 206.95           | 206.9 - 207.1      |                | 0.727                | 0.900                  |                        |
| 208  | 218137         | 207.95           | 207.9 - 208.1      |                | 0.732                | 0.900                  |                        |
| 220  |                |                  | -                  |                |                      |                        |                        |

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

## Plasma Paramters ##

| ParameterName | Value | Unit | ParameterName  | Value | Unit  | ParameterName       | Value | Unit         |
|---------------|-------|------|----------------|-------|-------|---------------------|-------|--------------|
| RF Power      | 1600  | W    | Carrier Gas    | 0.80  | L/min | S/C Temp            |       | 2 °C         |
| RF Matching   | 1.80  | V    | Option Gas     | 0.0   | %     | Gas Switch          |       | Dilution Gas |
| Smpl Depth    | 9.0   | mm   | Nebulizer Pump | 0.10  | rpm   | Makeup/Dilution Gas |       | 0.37 L/min   |

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 9.7   | V    | Deflect       | 14.6  | V    |
| Extract 2     | -195.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -90    | V    | Cell Exit     | -50   | V    |               |       |      |

## Cell Parameters ##

| ParameterName | Value | Unit   | ParameterName | Value | Unit | ParameterName         | Value | Unit  |
|---------------|-------|--------|---------------|-------|------|-----------------------|-------|-------|
| Use Gas       | No    |        | OctP Bias     | -8.0  | V    | Energy Discrimination |       | 5.0 V |
| He Flow       | 0.0   | mL/min | OctP RF       | 190   | V    |                       |       |       |

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 36565           | 0.06             |                    |
| 89   | 17089           | 0.28             |                    |
| 205  | 45525           | 0.23             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 36557                | 36584                | 36575                | 36530                | 36580                |
| 89   | 17061                | 17049                | 17056                | 17133                | 17148                |
| 205  | 45612                | 45428                | 45545                | 45630                | 45408                |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

| ParameterName | Value | Unit | ParameterName  | Value | Unit  | ParameterName       | Value | Unit         |
|---------------|-------|------|----------------|-------|-------|---------------------|-------|--------------|
| RF Power      | 1600  | W    | Carrier Gas    | 0.80  | L/min | S/C Temp            |       | 2 °C         |
| RF Matching   | 1.80  | V    | Option Gas     | 0.0   | %     | Gas Switch          |       | Dilution Gas |
| Smpl Depth    | 9.0   | mm   | Nebulizer Pump | 0.10  | rpm   | Makeup/Dilution Gas |       | 0.37 L/min   |

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 9.7   | V    | Deflect       | 2.4   | V    |
| Extract 2     | -195.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -90    | V    | Cell Exit     | -60   | V    |               |       |      |

## Cell Parameters ##

| ParameterName | Value | Unit   | ParameterName | Value | Unit | ParameterName         | Value | Unit  |
|---------------|-------|--------|---------------|-------|------|-----------------------|-------|-------|
| Use Gas       | Yes   |        | OctP Bias     | -18.0 | V    | Energy Discrimination |       | 5.0 V |
| He Flow       | 4.1   | mL/min | OctP RF       | 200   | V    |                       |       |       |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : S0 Instrumnet Name : P7  
 Client Sample ID : S0 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 15:55:35 DataFile Name : 004CALB.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.15   | 0.44    | -0.29   | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.01   | 0.02    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.02    | 0.03    | -0.05   | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | -0.05   | -0.03   | 0.08    | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | -0.08   | -0.03   | 0.10    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.02   | 0.01    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 0.11    | -0.27   | 0.15    | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -0.05   | 0.09    | -0.05   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | -0.01   | 0.02    | -0.01   | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | -0.03   | 0.00    | 0.03    | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -0.09   | -0.10   | 0.19    | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.09   | 0.02    | 0.07    | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 15:55:35 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -1.90   | -2.85   | 1.25    | -1.17      |         | ppb   |
| Potassium  | 39-2  | -2.51   | 0.90    | 1.61    | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | 0.00    | 0.26    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.17   | 0.20    | -0.02   | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.19    | -0.07   | -0.13   | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | 0.55    | -0.94   | 0.39    | 0.00       | N/A     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sodium     | 23-2  | 0.27    | -0.16   | -0.12   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -124.20 | -322.63 | -201.43 | -216.09    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.01    | 0.00    | -0.02   | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.03   | 0.04    | -0.01   | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 15:55:35 | DataFile Name :   | 004CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:03:44 | DataFile Name :   | 006CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.30   | 15.22   | 15.73   | 16.42      | 10.04   | ppb   |
| Antimony   | 121-1 | 1.81    | 1.83    | 1.87    | 1.84       | 1.63    | ppb   |
| Arsenic    | 75-2  | 0.96    | 0.91    | 0.95    | 0.94       | 2.99    | ppb   |
| Barium     | 135-1 | 8.93    | 9.07    | 8.80    | 8.93       | 1.49    | ppb   |
| Barium     | 137-1 | 8.85    | 8.69    | 8.76    | 8.76       | 0.93    | ppb   |
| Beryllium  | 9-1   | 0.87    | 0.85    | 0.86    | 0.86       | 1.26    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 21.52   | 20.08   | 19.59   | 20.40      | 4.92    | ppb   |
| Boron      | 11-1  | 19.96   | 19.90   | 20.54   | 20.13      | 1.74    | ppb   |
| Cadmium    | 111-1 | 1.00    | 1.03    | 1.02    | 1.01       | 1.37    | ppb   |
| Cadmium    | 106-1 | 1.36    | 1.05    | 1.92    | 1.45       | 30.44   | ppb   |
| Cadmium    | 108-1 | 1.10    | 0.74    | 1.02    | 0.95       | 20.13   | ppb   |
| Calcium    | 43-1  | 413.97  | 425.35  | 432.48  | 423.93     | 2.20    | ppb   |
| Calcium    | 44-1  | 419.15  | 420.73  | 419.02  | 419.63     | 0.23    | ppb   |
| Chromium   | 52-2  | 2.09    | 2.02    | 1.96    | 2.02       | 3.31    | ppb   |
| Cobalt     | 59-2  | 0.89    | 0.89    | 0.88    | 0.89       | 0.51    | ppb   |
| Copper     | 63-2  | 2.34    | 2.38    | 2.41    | 2.38       | 1.45    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 46.04   | 46.04   | 46.06   | 46.04      | 0.02    | ppb   |
| Iron       | 57-2  | 49.56   | 46.08   | 46.88   | 47.51      | 3.85    | ppb   |
| Lead       | 206-1 | 1.73    | 1.76    | 1.71    | 1.74       | 1.46    | ppb   |
| Lead       | 207-1 | 1.67    | 1.70    | 1.67    | 1.68       | 1.04    | ppb   |
| Lead       | 208-1 | 1.72    | 1.72    | 1.70    | 1.71       | 0.59    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 447.01  | 443.97  | 439.99  | 443.65     | 0.79    | ppb   |
| Manganese  | 55-2  | 0.94    | 0.92    | 0.98    | 0.95       | 3.50    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:03:44 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.84    | 1.88    | 1.82    | 1.85       | 1.55    | ppb   |
| Molybdenum | 95-1  | 4.29    | 4.38    | 4.27    | 4.31       | 1.36    | ppb   |
| Molybdenum | 96-1  | 3.61    | 3.72    | 3.68    | 3.67       | 1.51    | ppb   |
| Molybdenum | 97-1  | 4.34    | 4.43    | 4.43    | 4.40       | 1.16    | ppb   |
| Molybdenum | 98-1  | 4.29    | 4.31    | 4.32    | 4.31       | 0.41    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.00    | 1.02    | 1.03    | 1.02       | 1.58    | ppb   |
| Phosphorus | 31-2  | 4.43    | 1.66    | -2.59   | 1.17       | 303.29  | ppb   |
| Potassium  | 39-2  | 446.75  | 440.62  | 434.98  | 440.79     | 1.34    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 5.62    | 5.33    | 4.21    | 5.06       | 14.79   | ppb   |
| Selenium   | 78-2  | 4.64    | 5.31    | 3.96    | 4.64       | 14.48   | ppb   |
| Selenium   | 82-1  | 5.11    | 4.69    | 4.55    | 4.78       | 6.11    | ppb   |
| Silicon    | 28-1  | 12.82   | 13.36   | 13.87   | 13.35      | 3.94    | ppb   |
| Silver     | 109-1 | 1.25    | 1.17    | 1.19    | 1.20       | 3.67    | ppb   |
| Silver     | 107-1 | 1.19    | 1.20    | 1.20    | 1.20       | 0.32    | ppb   |
| Sodium     | 23-2  | 464.55  | 462.60  | 463.59  | 463.58     | 0.21    | ppb   |
| Strontium  | 86-1  | 0.98    | 1.01    | 0.92    | 0.97       | 4.46    | ppb   |
| Strontium  | 88-1  | 0.93    | 0.92    | 0.93    | 0.92       | 0.78    | ppb   |
| Sulfur     | 34-1  | 227.03  | 278.11  | 143.12  | 216.09     | 31.54   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.91    | 0.94    | 0.90    | 0.91       | 2.32    | ppb   |
| Thallium   | 205-1 | 0.90    | 0.91    | 0.88    | 0.90       | 1.25    | ppb   |
| Tin        | 118-1 | 4.52    | 4.45    | 4.41    | 4.46       | 1.22    | ppb   |
| Titanium   | 47-1  | 4.36    | 4.40    | 4.34    | 4.37       | 0.68    | ppb   |
| Uranium    | 238-1 | 0.84    | 0.84    | 0.82    | 0.83       | 1.83    | ppb   |
| Vanadium   | 51-2  | 4.45    | 4.37    | 4.47    | 4.43       | 1.17    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 2.07    | 2.18    | 2.06    | 2.10       | 3.16    | ppb   |
| Zirconium  | 90-1  | 0.78    | 0.80    | 0.81    | 0.80       | 2.01    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:03:44 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.79    | 0.83    | 0.76    | 0.80       | 4.29    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:07:29 | DataFile Name :   | 007CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 979.60  | 997.70  | 988.81  | 988.70     | 0.92    | ppb   |
| Antimony   | 121-1 | 49.38   | 49.96   | 50.00   | 49.78      | 0.69    | ppb   |
| Arsenic    | 75-2  | 51.74   | 51.88   | 51.54   | 51.72      | 0.34    | ppb   |
| Barium     | 135-1 | 252.44  | 253.87  | 252.72  | 253.01     | 0.30    | ppb   |
| Barium     | 137-1 | 253.56  | 256.42  | 254.25  | 254.74     | 0.58    | ppb   |
| Beryllium  | 9-1   | 50.82   | 50.61   | 49.90   | 50.44      | 0.96    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 47.85   | 49.60   | 48.67   | 48.70      | 1.80    | ppb   |
| Boron      | 11-1  | 48.21   | 48.03   | 47.78   | 48.01      | 0.45    | ppb   |
| Cadmium    | 111-1 | 52.43   | 52.91   | 53.00   | 52.78      | 0.58    | ppb   |
| Cadmium    | 106-1 | 52.55   | 53.61   | 54.33   | 53.50      | 1.68    | ppb   |
| Cadmium    | 108-1 | 52.99   | 51.59   | 53.98   | 52.85      | 2.28    | ppb   |
| Calcium    | 43-1  | 4842.82 | 4892.81 | 4742.57 | 4826.07    | 1.59    | ppb   |
| Calcium    | 44-1  | 4863.06 | 4832.66 | 4757.37 | 4817.70    | 1.13    | ppb   |
| Chromium   | 52-2  | 52.35   | 53.00   | 53.33   | 52.89      | 0.94    | ppb   |
| Cobalt     | 59-2  | 52.59   | 53.11   | 53.00   | 52.90      | 0.52    | ppb   |
| Copper     | 63-2  | 107.23  | 108.39  | 109.87  | 108.50     | 1.22    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 2731.08 | 2726.74 | 2747.59 | 2735.14    | 0.40    | ppb   |
| Iron       | 57-2  | 2685.00 | 2724.03 | 2725.02 | 2711.35    | 0.84    | ppb   |
| Lead       | 206-1 | 49.08   | 48.79   | 48.98   | 48.95      | 0.30    | ppb   |
| Lead       | 207-1 | 48.97   | 48.27   | 48.67   | 48.64      | 0.72    | ppb   |
| Lead       | 208-1 | 49.34   | 48.98   | 49.18   | 49.17      | 0.37    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 5198.05 | 5243.07 | 5227.76 | 5222.96    | 0.44    | ppb   |
| Manganese  | 55-2  | 105.23  | 106.47  | 106.74  | 106.15     | 0.76    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:07:29 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 49.07   | 49.49   | 49.09   | 49.22      | 0.49    | ppb   |
| Molybdenum | 95-1  | 49.55   | 49.51   | 48.89   | 49.32      | 0.75    | ppb   |
| Molybdenum | 96-1  | 48.98   | 49.70   | 48.76   | 49.15      | 0.99    | ppb   |
| Molybdenum | 97-1  | 49.35   | 50.38   | 49.18   | 49.63      | 1.31    | ppb   |
| Molybdenum | 98-1  | 49.26   | 49.95   | 49.06   | 49.42      | 0.94    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 53.44   | 54.55   | 54.95   | 54.31      | 1.44    | ppb   |
| Phosphorus | 31-2  | 1039.95 | 983.49  | 1041.73 | 1021.72    | 3.24    | ppb   |
| Potassium  | 39-2  | 2524.40 | 2570.97 | 2600.35 | 2565.24    | 1.49    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 53.14   | 48.50   | 45.75   | 49.13      | 7.60    | ppb   |
| Selenium   | 78-2  | 52.43   | 53.60   | 55.01   | 53.68      | 2.41    | ppb   |
| Selenium   | 82-1  | 52.62   | 53.14   | 51.77   | 52.51      | 1.32    | ppb   |
| Silicon    | 28-1  | 68.16   | 68.97   | 65.79   | 67.64      | 2.44    | ppb   |
| Silver     | 109-1 | 52.60   | 52.92   | 53.65   | 53.06      | 1.02    | ppb   |
| Silver     | 107-1 | 52.87   | 52.97   | 53.03   | 52.96      | 0.15    | ppb   |
| Sodium     | 23-2  | 5322.49 | 5335.90 | 5398.89 | 5352.43    | 0.76    | ppb   |
| Strontium  | 86-1  | 50.75   | 50.88   | 50.28   | 50.64      | 0.63    | ppb   |
| Strontium  | 88-1  | 50.83   | 51.31   | 51.24   | 51.13      | 0.51    | ppb   |
| Sulfur     | 34-1  | 1277.38 | 1257.08 | 1179.06 | 1237.84    | 4.19    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 49.37   | 48.69   | 49.25   | 49.10      | 0.74    | ppb   |
| Thallium   | 205-1 | 50.03   | 49.74   | 49.98   | 49.92      | 0.31    | ppb   |
| Tin        | 118-1 | 50.86   | 51.02   | 50.68   | 50.85      | 0.33    | ppb   |
| Titanium   | 47-1  | 50.42   | 51.03   | 48.89   | 50.11      | 2.20    | ppb   |
| Uranium    | 238-1 | 47.78   | 47.18   | 46.96   | 47.31      | 0.91    | ppb   |
| Vanadium   | 51-2  | 50.51   | 51.17   | 51.95   | 51.21      | 1.41    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 110.39  | 111.74  | 112.22  | 111.45     | 0.85    | ppb   |
| Zirconium  | 90-1  | 49.82   | 49.86   | 49.34   | 49.67      | 0.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:07:29 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 48.94   | 49.81   | 48.52   | 49.09      | 1.34    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:11:31 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2416.74  | 2451.88  | 2441.29  | 2436.63    | 0.74    | ppb   |
| Antimony   | 121-1 | 125.87   | 126.32   | 128.44   | 126.88     | 1.08    | ppb   |
| Arsenic    | 75-2  | 126.78   | 128.68   | 128.48   | 127.98     | 0.81    | ppb   |
| Barium     | 135-1 | 637.26   | 639.46   | 644.08   | 640.27     | 0.54    | ppb   |
| Barium     | 137-1 | 638.78   | 648.14   | 655.91   | 647.61     | 1.32    | ppb   |
| Beryllium  | 9-1   | 127.15   | 127.94   | 129.05   | 128.05     | 0.74    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 118.69   | 121.86   | 127.04   | 122.53     | 3.44    | ppb   |
| Boron      | 11-1  | 119.36   | 123.10   | 123.98   | 122.15     | 2.01    | ppb   |
| Cadmium    | 111-1 | 130.25   | 130.95   | 132.33   | 131.17     | 0.81    | ppb   |
| Cadmium    | 106-1 | 131.59   | 128.36   | 133.10   | 131.01     | 1.85    | ppb   |
| Cadmium    | 108-1 | 132.07   | 131.97   | 135.76   | 133.27     | 1.62    | ppb   |
| Calcium    | 43-1  | 11845.66 | 12014.17 | 12190.19 | 12016.67   | 1.43    | ppb   |
| Calcium    | 44-1  | 11820.70 | 11969.04 | 12152.35 | 11980.69   | 1.39    | ppb   |
| Chromium   | 52-2  | 129.49   | 130.44   | 128.98   | 129.64     | 0.57    | ppb   |
| Cobalt     | 59-2  | 129.67   | 131.24   | 129.39   | 130.10     | 0.77    | ppb   |
| Copper     | 63-2  | 264.67   | 267.46   | 265.38   | 265.84     | 0.54    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 6707.71  | 6687.92  | 6665.90  | 6687.17    | 0.31    | ppb   |
| Iron       | 57-2  | 6650.74  | 6676.78  | 6664.51  | 6664.01    | 0.20    | ppb   |
| Lead       | 206-1 | 121.81   | 122.76   | 124.86   | 123.14     | 1.27    | ppb   |
| Lead       | 207-1 | 121.22   | 121.32   | 123.99   | 122.18     | 1.28    | ppb   |
| Lead       | 208-1 | 123.39   | 123.38   | 125.50   | 124.09     | 0.98    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 12636.57 | 12772.74 | 12479.70 | 12629.67   | 1.16    | ppb   |
| Manganese  | 55-2  | 260.74   | 260.54   | 260.54   | 260.60     | 0.04    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:11:31 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 123.55   | 125.23   | 125.53   | 124.77     | 0.86    | ppb   |
| Molybdenum | 95-1  | 124.12   | 124.64   | 125.52   | 124.76     | 0.57    | ppb   |
| Molybdenum | 96-1  | 122.96   | 123.35   | 123.30   | 123.20     | 0.17    | ppb   |
| Molybdenum | 97-1  | 123.87   | 125.51   | 124.99   | 124.79     | 0.67    | ppb   |
| Molybdenum | 98-1  | 123.50   | 124.65   | 124.34   | 124.16     | 0.48    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 133.39   | 135.45   | 132.64   | 133.82     | 1.09    | ppb   |
| Phosphorus | 31-2  | 2602.97  | 2651.81  | 2667.23  | 2640.67    | 1.27    | ppb   |
| Potassium  | 39-2  | 6282.70  | 6330.35  | 6314.29  | 6309.11    | 0.38    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 129.49   | 146.96   | 139.61   | 138.69     | 6.33    | ppb   |
| Selenium   | 78-2  | 129.85   | 133.70   | 133.90   | 132.48     | 1.72    | ppb   |
| Selenium   | 82-1  | 132.01   | 131.83   | 131.10   | 131.65     | 0.36    | ppb   |
| Silicon    | 28-1  | 167.31   | 168.52   | 174.23   | 170.02     | 2.17    | ppb   |
| Silver     | 109-1 | 131.63   | 132.63   | 134.84   | 133.04     | 1.24    | ppb   |
| Silver     | 107-1 | 130.88   | 130.98   | 133.83   | 131.89     | 1.27    | ppb   |
| Sodium     | 23-2  | 13070.89 | 13003.19 | 12900.95 | 12991.67   | 0.66    | ppb   |
| Strontium  | 86-1  | 126.55   | 124.40   | 126.63   | 125.86     | 1.00    | ppb   |
| Strontium  | 88-1  | 129.29   | 128.83   | 129.47   | 129.20     | 0.26    | ppb   |
| Sulfur     | 34-1  | 2586.31  | 2683.78  | 2851.39  | 2707.16    | 4.95    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 123.93   | 123.10   | 125.81   | 124.28     | 1.12    | ppb   |
| Thallium   | 205-1 | 126.70   | 126.70   | 128.31   | 127.24     | 0.73    | ppb   |
| Tin        | 118-1 | 125.94   | 127.76   | 128.11   | 127.27     | 0.92    | ppb   |
| Titanium   | 47-1  | 124.39   | 124.77   | 127.38   | 125.51     | 1.30    | ppb   |
| Uranium    | 238-1 | 121.58   | 122.28   | 122.81   | 122.23     | 0.51    | ppb   |
| Vanadium   | 51-2  | 126.54   | 127.34   | 126.90   | 126.93     | 0.32    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 268.10   | 271.10   | 270.74   | 269.98     | 0.61    | ppb   |
| Zirconium  | 90-1  | 126.44   | 127.36   | 127.03   | 126.94     | 0.37    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:11:31 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 123.39  | 124.85  | 126.26  | 124.83     | 1.15    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:15:08 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4820.07  | 4794.21  | 4738.12  | 4784.13    | 0.88    | ppb   |
| Antimony   | 121-1 | 255.11   | 250.96   | 254.66   | 253.58     | 0.90    | ppb   |
| Arsenic    | 75-2  | 253.76   | 255.12   | 251.87   | 253.58     | 0.64    | ppb   |
| Barium     | 135-1 | 1286.19  | 1272.16  | 1296.64  | 1284.99    | 0.96    | ppb   |
| Barium     | 137-1 | 1267.58  | 1234.51  | 1263.96  | 1255.35    | 1.45    | ppb   |
| Beryllium  | 9-1   | 253.60   | 254.43   | 249.22   | 252.42     | 1.11    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 240.35   | 248.93   | 245.49   | 244.93     | 1.76    | ppb   |
| Boron      | 11-1  | 239.44   | 245.68   | 241.96   | 242.36     | 1.30    | ppb   |
| Cadmium    | 111-1 | 258.82   | 255.07   | 260.28   | 258.06     | 1.04    | ppb   |
| Cadmium    | 106-1 | 261.66   | 256.28   | 261.72   | 259.88     | 1.20    | ppb   |
| Cadmium    | 108-1 | 263.37   | 254.88   | 262.60   | 260.28     | 1.81    | ppb   |
| Calcium    | 43-1  | 24009.11 | 23765.74 | 23560.45 | 23778.43   | 0.94    | ppb   |
| Calcium    | 44-1  | 23845.93 | 23711.76 | 23405.31 | 23654.34   | 0.95    | ppb   |
| Chromium   | 52-2  | 256.26   | 258.39   | 254.49   | 256.38     | 0.76    | ppb   |
| Cobalt     | 59-2  | 257.87   | 257.67   | 254.93   | 256.82     | 0.64    | ppb   |
| Copper     | 63-2  | 527.37   | 523.50   | 517.57   | 522.81     | 0.94    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 13242.92 | 13306.97 | 13180.74 | 13243.54   | 0.48    | ppb   |
| Iron       | 57-2  | 13292.16 | 13257.93 | 13035.58 | 13195.22   | 1.06    | ppb   |
| Lead       | 206-1 | 243.13   | 247.01   | 242.66   | 244.27     | 0.98    | ppb   |
| Lead       | 207-1 | 242.12   | 245.49   | 242.26   | 243.29     | 0.78    | ppb   |
| Lead       | 208-1 | 244.58   | 247.46   | 244.27   | 245.43     | 0.72    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 25132.94 | 24873.74 | 24625.54 | 24877.41   | 1.02    | ppb   |
| Manganese  | 55-2  | 518.04   | 516.48   | 513.87   | 516.13     | 0.41    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:15:08 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 253.03   | 249.04   | 252.00   | 251.36     | 0.82    | ppb   |
| Molybdenum | 95-1  | 250.77   | 247.23   | 250.27   | 249.42     | 0.77    | ppb   |
| Molybdenum | 96-1  | 248.01   | 245.30   | 247.24   | 246.85     | 0.57    | ppb   |
| Molybdenum | 97-1  | 249.27   | 249.61   | 250.85   | 249.91     | 0.33    | ppb   |
| Molybdenum | 98-1  | 250.86   | 250.67   | 249.88   | 250.47     | 0.21    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 263.52   | 263.34   | 261.39   | 262.75     | 0.45    | ppb   |
| Phosphorus | 31-2  | 5318.87  | 5150.40  | 5193.79  | 5221.02    | 1.68    | ppb   |
| Potassium  | 39-2  | 12319.89 | 12442.03 | 12236.79 | 12332.90   | 0.84    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 277.61   | 266.47   | 265.91   | 270.00     | 2.44    | ppb   |
| Selenium   | 78-2  | 257.08   | 257.78   | 251.00   | 255.29     | 1.46    | ppb   |
| Selenium   | 82-1  | 260.14   | 258.90   | 256.01   | 258.35     | 0.82    | ppb   |
| Silicon    | 28-1  | 338.47   | 334.84   | 331.34   | 334.88     | 1.06    | ppb   |
| Silver     | 109-1 | 263.55   | 259.13   | 263.29   | 261.99     | 0.95    | ppb   |
| Silver     | 107-1 | 261.83   | 259.12   | 261.22   | 260.72     | 0.55    | ppb   |
| Sodium     | 23-2  | 25618.45 | 25777.82 | 25484.07 | 25626.78   | 0.57    | ppb   |
| Strontium  | 86-1  | 251.44   | 250.21   | 250.68   | 250.77     | 0.25    | ppb   |
| Strontium  | 88-1  | 252.35   | 250.45   | 251.72   | 251.51     | 0.38    | ppb   |
| Sulfur     | 34-1  | 5368.54  | 5172.69  | 4922.56  | 5154.60    | 4.34    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 247.53   | 248.69   | 244.53   | 246.92     | 0.87    | ppb   |
| Thallium   | 205-1 | 245.42   | 247.85   | 242.38   | 245.22     | 1.12    | ppb   |
| Tin        | 118-1 | 255.48   | 252.18   | 256.32   | 254.66     | 0.86    | ppb   |
| Titanium   | 47-1  | 251.69   | 252.17   | 249.87   | 251.24     | 0.48    | ppb   |
| Uranium    | 238-1 | 242.22   | 243.55   | 243.78   | 243.18     | 0.35    | ppb   |
| Vanadium   | 51-2  | 253.17   | 253.12   | 250.03   | 252.11     | 0.71    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 527.36   | 525.55   | 523.09   | 525.34     | 0.41    | ppb   |
| Zirconium  | 90-1  | 250.81   | 250.06   | 251.73   | 250.87     | 0.33    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:15:08 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 250.72  | 248.79  | 248.83  | 249.45     | 0.44    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:18:40 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9416.59  | 9422.74  | 9452.50  | 9430.61    | 0.20    | ppb   |
| Antimony   | 121-1 | 495.47   | 502.57   | 498.99   | 499.01     | 0.71    | ppb   |
| Arsenic    | 75-2  | 501.14   | 499.92   | 500.98   | 500.68     | 0.13    | ppb   |
| Barium     | 135-1 | 2499.12  | 2514.44  | 2501.76  | 2505.11    | 0.33    | ppb   |
| Barium     | 137-1 | 2483.27  | 2516.25  | 2473.69  | 2491.07    | 0.90    | ppb   |
| Beryllium  | 9-1   | 498.56   | 494.29   | 494.25   | 495.70     | 0.50    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 481.43   | 491.07   | 494.29   | 488.93     | 1.37    | ppb   |
| Boron      | 11-1  | 483.96   | 489.72   | 496.41   | 490.03     | 1.27    | ppb   |
| Cadmium    | 111-1 | 501.83   | 508.02   | 505.19   | 505.02     | 0.61    | ppb   |
| Cadmium    | 106-1 | 509.34   | 511.71   | 505.21   | 508.75     | 0.65    | ppb   |
| Cadmium    | 108-1 | 501.02   | 513.45   | 502.52   | 505.66     | 1.34    | ppb   |
| Calcium    | 43-1  | 47206.22 | 46945.64 | 47184.81 | 47112.23   | 0.31    | ppb   |
| Calcium    | 44-1  | 47205.26 | 46905.32 | 46951.50 | 47020.69   | 0.34    | ppb   |
| Chromium   | 52-2  | 508.22   | 508.29   | 506.28   | 507.59     | 0.22    | ppb   |
| Cobalt     | 59-2  | 504.26   | 509.97   | 506.80   | 507.01     | 0.56    | ppb   |
| Copper     | 63-2  | 1062.62  | 1065.58  | 1045.59  | 1057.93    | 1.02    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 26062.52 | 26264.47 | 25933.48 | 26086.82   | 0.64    | ppb   |
| Iron       | 57-2  | 26144.67 | 26294.62 | 26110.91 | 26183.40   | 0.37    | ppb   |
| Lead       | 206-1 | 498.81   | 499.22   | 500.37   | 499.47     | 0.16    | ppb   |
| Lead       | 207-1 | 494.77   | 493.60   | 496.17   | 494.85     | 0.26    | ppb   |
| Lead       | 208-1 | 495.43   | 494.37   | 496.22   | 495.34     | 0.19    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 48889.81 | 48374.18 | 48871.09 | 48711.69   | 0.60    | ppb   |
| Manganese  | 55-2  | 1019.45  | 1023.29  | 1021.59  | 1021.44    | 0.19    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:18:40 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 496.13   | 500.66   | 499.49   | 498.76     | 0.47    | ppb   |
| Molybdenum | 95-1  | 496.40   | 496.83   | 499.54   | 497.59     | 0.34    | ppb   |
| Molybdenum | 96-1  | 489.92   | 491.49   | 492.47   | 491.30     | 0.26    | ppb   |
| Molybdenum | 97-1  | 495.30   | 496.05   | 493.55   | 494.96     | 0.26    | ppb   |
| Molybdenum | 98-1  | 497.14   | 493.36   | 501.10   | 497.20     | 0.78    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 515.11   | 515.25   | 514.11   | 514.83     | 0.12    | ppb   |
| Phosphorus | 31-2  | 10058.15 | 10136.41 | 10247.02 | 10147.19   | 0.94    | ppb   |
| Potassium  | 39-2  | 24617.21 | 24400.14 | 24467.61 | 24494.99   | 0.45    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 522.27   | 506.37   | 499.46   | 509.37     | 2.30    | ppb   |
| Selenium   | 78-2  | 498.15   | 507.38   | 507.93   | 504.49     | 1.09    | ppb   |
| Selenium   | 82-1  | 499.97   | 500.73   | 500.02   | 500.24     | 0.08    | ppb   |
| Silicon    | 28-1  | 495.74   | 493.14   | 492.48   | 493.79     | 0.35    | ppb   |
| Silver     | 109-1 | 499.89   | 509.61   | 509.13   | 506.21     | 1.08    | ppb   |
| Silver     | 107-1 | 504.12   | 510.52   | 509.02   | 507.89     | 0.66    | ppb   |
| Sodium     | 23-2  | 50108.55 | 50055.03 | 50346.82 | 50170.13   | 0.31    | ppb   |
| Strontium  | 86-1  | 494.18   | 491.78   | 495.80   | 493.92     | 0.41    | ppb   |
| Strontium  | 88-1  | 495.56   | 494.52   | 499.51   | 496.53     | 0.53    | ppb   |
| Sulfur     | 34-1  | 9998.38  | 9932.79  | 9867.35  | 9932.84    | 0.66    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 489.57   | 497.74   | 498.74   | 495.35     | 1.02    | ppb   |
| Thallium   | 205-1 | 498.24   | 500.33   | 499.86   | 499.48     | 0.22    | ppb   |
| Tin        | 118-1 | 495.35   | 503.43   | 500.98   | 499.92     | 0.83    | ppb   |
| Titanium   | 47-1  | 497.71   | 496.17   | 497.56   | 497.15     | 0.17    | ppb   |
| Uranium    | 238-1 | 488.46   | 489.58   | 490.04   | 489.36     | 0.17    | ppb   |
| Vanadium   | 51-2  | 499.56   | 501.03   | 498.18   | 499.59     | 0.29    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1012.46  | 1026.22  | 1022.41  | 1020.36    | 0.70    | ppb   |
| Zirconium  | 90-1  | 499.98   | 498.20   | 497.50   | 498.56     | 0.26    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:18:40 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 497.14  | 499.65  | 500.13  | 498.97     | 0.32    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:22:09 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 18399.10 | 18512.26 | 18836.62 | 18582.66   | 1.22    | ppb   |
| Antimony   | 121-1 | 1005.04  | 999.99   | 993.10   | 999.38     | 0.60    | ppb   |
| Arsenic    | 75-2  | 994.68   | 1005.81  | 994.44   | 998.31     | 0.65    | ppb   |
| Barium     | 135-1 | 5007.57  | 5005.89  | 4946.46  | 4986.64    | 0.70    | ppb   |
| Barium     | 137-1 | 5046.62  | 5007.11  | 4946.47  | 5000.07    | 1.01    | ppb   |
| Beryllium  | 9-1   | 991.34   | 998.20   | 1013.89  | 1001.14    | 1.15    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 991.04   | 1003.88  | 1026.96  | 1007.29    | 1.81    | ppb   |
| Boron      | 11-1  | 986.70   | 1008.30  | 1027.42  | 1007.47    | 2.02    | ppb   |
| Cadmium    | 111-1 | 1002.50  | 991.52   | 989.68   | 994.57     | 0.70    | ppb   |
| Cadmium    | 106-1 | 997.78   | 991.82   | 987.08   | 992.23     | 0.54    | ppb   |
| Cadmium    | 108-1 | 1004.87  | 991.23   | 984.16   | 993.42     | 1.06    | ppb   |
| Calcium    | 43-1  | 95421.89 | 95563.89 | 94458.44 | 95148.07   | 0.63    | ppb   |
| Calcium    | 44-1  | 93798.71 | 93053.63 | 93393.89 | 93415.41   | 0.40    | ppb   |
| Chromium   | 52-2  | 983.81   | 993.52   | 1004.32  | 993.88     | 1.03    | ppb   |
| Cobalt     | 59-2  | 987.64   | 990.50   | 1003.88  | 994.01     | 0.87    | ppb   |
| Copper     | 63-2  | 1963.30  | 1953.70  | 1971.78  | 1962.93    | 0.46    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 50579.46 | 51132.68 | 51474.78 | 51062.31   | 0.88    | ppb   |
| Iron       | 57-2  | 51417.44 | 51043.88 | 51592.24 | 51351.19   | 0.55    | ppb   |
| Lead       | 206-1 | 1009.09  | 990.22   | 1006.64  | 1001.98    | 1.02    | ppb   |
| Lead       | 207-1 | 1009.84  | 1000.28  | 1003.91  | 1004.67    | 0.48    | ppb   |
| Lead       | 208-1 | 1005.55  | 1000.50  | 1004.83  | 1003.63    | 0.27    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 93988.77 | 94164.95 | 95904.51 | 94686.08   | 1.12    | ppb   |
| Manganese  | 55-2  | 1959.45  | 1984.62  | 2006.78  | 1983.61    | 1.19    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:22:09 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 998.89   | 992.98   | 1009.22  | 1000.37    | 0.82    | ppb   |
| Molybdenum | 95-1  | 1006.16  | 1002.35  | 995.74   | 1001.42    | 0.53    | ppb   |
| Molybdenum | 96-1  | 1006.86  | 1008.54  | 1000.84  | 1005.41    | 0.40    | ppb   |
| Molybdenum | 97-1  | 1001.54  | 1005.97  | 1000.25  | 1002.59    | 0.30    | ppb   |
| Molybdenum | 98-1  | 1001.13  | 1004.44  | 998.68   | 1001.42    | 0.29    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 978.67   | 987.71   | 997.86   | 988.08     | 0.97    | ppb   |
| Phosphorus | 31-2  | 19485.10 | 19833.57 | 20238.76 | 19852.48   | 1.90    | ppb   |
| Potassium  | 39-2  | 47798.67 | 47972.65 | 48638.96 | 48136.76   | 0.92    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 971.31   | 998.42   | 996.22   | 988.65     | 1.52    | ppb   |
| Selenium   | 78-2  | 1004.29  | 985.91   | 995.75   | 995.32     | 0.92    | ppb   |
| Selenium   | 82-1  | 998.69   | 994.80   | 997.02   | 996.84     | 0.20    | ppb   |
| Silicon    | 28-1  | 979.40   | 981.31   | 965.32   | 975.34     | 0.90    | ppb   |
| Silver     | 109-1 | 1000.38  | 994.05   | 983.79   | 992.74     | 0.84    | ppb   |
| Silver     | 107-1 | 996.09   | 995.09   | 985.91   | 992.37     | 0.57    | ppb   |
| Sodium     | 23-2  | 98153.42 | 97828.00 | 98769.69 | 98250.37   | 0.49    | ppb   |
| Strontium  | 86-1  | 1001.60  | 999.79   | 1006.73  | 1002.71    | 0.36    | ppb   |
| Strontium  | 88-1  | 1002.29  | 995.75   | 1004.30  | 1000.78    | 0.45    | ppb   |
| Sulfur     | 34-1  | 20085.13 | 20058.09 | 19728.22 | 19957.14   | 1.00    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 1010.22  | 993.04   | 1006.43  | 1003.23    | 0.90    | ppb   |
| Thallium   | 205-1 | 1007.84  | 992.42   | 1003.29  | 1001.18    | 0.79    | ppb   |
| Tin        | 118-1 | 1002.47  | 992.13   | 1001.05  | 998.55     | 0.56    | ppb   |
| Titanium   | 47-1  | 1002.53  | 997.23   | 1003.39  | 1001.05    | 0.33    | ppb   |
| Uranium    | 238-1 | 1009.44  | 1004.17  | 1008.90  | 1007.50    | 0.29    | ppb   |
| Vanadium   | 51-2  | 988.80   | 997.45   | 1011.90  | 999.38     | 1.17    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1974.75  | 1984.93  | 1981.56  | 1980.41    | 0.26    | ppb   |
| Zirconium  | 90-1  | 998.75   | 994.21   | 1007.88  | 1000.28    | 0.70    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:22:09 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 994.13  | 990.62  | 1017.40 | 1000.72    | 1.45    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:25:33 | DataFile Name :   | 012CALS.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 100772.84 | 100181.05 | 100104.81 | 100352.90  | 0.36    | ppb   |
| Antimony   | 121-1 | 3.77      | 3.56      | 3.49      | 3.60       | 4.04    | ppb   |
| Arsenic    | 75-2  | 0.71      | 0.73      | 0.57      | 0.67       | 13.19   | ppb   |
| Barium     | 135-1 | 2.56      | 2.52      | 2.50      | 2.53       | 1.26    | ppb   |
| Barium     | 137-1 | 2.61      | 2.50      | 2.49      | 2.53       | 2.66    | ppb   |
| Beryllium  | 9-1   | 0.21      | 0.21      | 0.22      | 0.21       | 1.89    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 44.68     | 43.11     | 40.11     | 42.63      | 5.45    | ppb   |
| Boron      | 11-1  | 43.83     | 41.69     | 39.53     | 41.68      | 5.15    | ppb   |
| Cadmium    | 111-1 | 0.25      | 0.30      | 0.29      | 0.28       | 8.72    | ppb   |
| Cadmium    | 106-1 | 0.42      | 0.67      | 0.49      | 0.53       | 23.71   | ppb   |
| Cadmium    | 108-1 | 0.42      | 0.36      | 0.23      | 0.34       | 30.08   | ppb   |
| Calcium    | 43-1  | 498642.95 | 503240.56 | 502118.91 | 501334.14  | 0.48    | ppb   |
| Calcium    | 44-1  | 497786.90 | 504036.77 | 503267.39 | 501697.02  | 0.68    | ppb   |
| Chromium   | 52-2  | 29.72     | 29.73     | 29.37     | 29.60      | 0.70    | ppb   |
| Cobalt     | 59-2  | 1.71      | 1.72      | 1.67      | 1.70       | 1.46    | ppb   |
| Copper     | 63-2  | 4.33      | 4.33      | 4.26      | 4.31       | 0.98    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 250091.39 | 250401.55 | 248392.26 | 249628.40  | 0.43    | ppb   |
| Iron       | 57-2  | 249737.04 | 250589.82 | 248365.74 | 249564.20  | 0.45    | ppb   |
| Lead       | 206-1 | 2.03      | 2.11      | 2.03      | 2.06       | 2.32    | ppb   |
| Lead       | 207-1 | 1.88      | 1.92      | 1.91      | 1.90       | 1.13    | ppb   |
| Lead       | 208-1 | 1.96      | 1.99      | 1.97      | 1.97       | 0.65    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 501789.59 | 502206.06 | 499581.34 | 501192.33  | 0.28    | ppb   |
| Manganese  | 55-2  | 11.38     | 11.20     | 11.26     | 11.28      | 0.80    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:25:33 | DataFile Name :   | 012CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.97      | 1.93      | 1.83      | 1.91       | 3.88    | ppb   |
| Molybdenum | 95-1  | 5.83      | 5.69      | 5.77      | 5.76       | 1.20    | ppb   |
| Molybdenum | 96-1  | 5.38      | 5.24      | 5.20      | 5.27       | 1.85    | ppb   |
| Molybdenum | 97-1  | 5.73      | 5.42      | 5.58      | 5.58       | 2.81    | ppb   |
| Molybdenum | 98-1  | 5.47      | 5.44      | 5.33      | 5.41       | 1.34    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 16.20     | 16.90     | 16.67     | 16.59      | 2.16    | ppb   |
| Phosphorus | 31-2  | 10.16     | 11.90     | -0.73     | 7.11       | 96.22   | ppb   |
| Potassium  | 39-2  | 249833.89 | 251414.83 | 250039.75 | 250429.49  | 0.34    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 0.85      | 1.13      | 1.94      | 1.31       | 43.44   | ppb   |
| Selenium   | 78-2  | 1.78      | 0.81      | 1.24      | 1.28       | 38.16   | ppb   |
| Selenium   | 82-1  | 1.55      | 1.61      | 1.61      | 1.59       | 2.00    | ppb   |
| Silicon    | 28-1  | 14.88     | 15.58     | 15.44     | 15.30      | 2.43    | ppb   |
| Silver     | 109-1 | 0.23      | 0.23      | 0.22      | 0.22       | 3.22    | ppb   |
| Silver     | 107-1 | 0.23      | 0.20      | 0.22      | 0.21       | 7.54    | ppb   |
| Sodium     | 23-2  | 501021.56 | 503320.40 | 496515.42 | 500285.79  | 0.69    | ppb   |
| Strontium  | 86-1  | 34.67     | 34.25     | 34.66     | 34.53      | 0.70    | ppb   |
| Strontium  | 88-1  | 34.90     | 34.82     | 35.12     | 34.94      | 0.44    | ppb   |
| Sulfur     | 34-1  | -799.18   | -739.23   | -823.05   | -787.15    |         | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.69      | 0.73      | 0.68      | 0.70       | 3.48    | ppb   |
| Thallium   | 205-1 | 0.73      | 0.72      | 0.72      | 0.73       | 0.66    | ppb   |
| Tin        | 118-1 | 1.57      | 1.54      | 1.50      | 1.53       | 2.19    | ppb   |
| Titanium   | 47-1  | 1.13      | 1.26      | 1.26      | 1.22       | 5.80    | ppb   |
| Uranium    | 238-1 | 0.27      | 0.27      | 0.28      | 0.27       | 1.62    | ppb   |
| Vanadium   | 51-2  | 0.54      | 0.52      | 0.54      | 0.53       | 2.42    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 19.23     | 18.71     | 18.84     | 18.93      | 1.42    | ppb   |
| Zirconium  | 90-1  | 0.29      | 0.31      | 0.28      | 0.29       | 5.93    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:25:33 | DataFile Name :   | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.32    | 0.31    | 0.28    | 0.30       | 6.47    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:29:14 | DataFile Name :   | 013ICV01.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 471.19  | 480.56  | 478.42  | 476.73     | 1.03    | ppb   |
| Antimony   | 121-1 | 192.28  | 191.38  | 192.29  | 191.98     | 0.27    | ppb   |
| Arsenic    | 75-2  | 196.08  | 195.38  | 194.99  | 195.49     | 0.28    | ppb   |
| Barium     | 135-1 | 100.09  | 97.86   | 98.92   | 98.95      | 1.13    | ppb   |
| Barium     | 137-1 | 99.80   | 98.99   | 99.00   | 99.27      | 0.47    | ppb   |
| Beryllium  | 9-1   | 98.02   | 99.64   | 99.04   | 98.90      | 0.83    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 458.72  | 468.13  | 482.71  | 469.86     | 2.57    | ppb   |
| Boron      | 11-1  | 442.90  | 455.89  | 465.39  | 454.72     | 2.48    | ppb   |
| Cadmium    | 111-1 | 103.36  | 103.75  | 102.81  | 103.31     | 0.46    | ppb   |
| Cadmium    | 106-1 | 163.20  | 160.05  | 157.65  | 160.30     | 1.74    | ppb   |
| Cadmium    | 108-1 | 135.57  | 132.61  | 132.93  | 133.70     | 1.22    | ppb   |
| Calcium    | 43-1  | 2125.84 | 2175.27 | 2153.47 | 2151.53    | 1.15    | ppb   |
| Calcium    | 44-1  | 2003.29 | 2013.99 | 2016.25 | 2011.17    | 0.34    | ppb   |
| Chromium   | 52-2  | 96.57   | 96.71   | 96.38   | 96.55      | 0.17    | ppb   |
| Cobalt     | 59-2  | 98.54   | 99.82   | 99.49   | 99.28      | 0.67    | ppb   |
| Copper     | 63-2  | 101.26  | 100.99  | 100.97  | 101.07     | 0.16    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 1023.29 | 1025.75 | 1022.74 | 1023.93    | 0.16    | ppb   |
| Iron       | 57-2  | 1008.00 | 1007.86 | 1013.50 | 1009.79    | 0.32    | ppb   |
| Lead       | 206-1 | 194.79  | 194.77  | 191.10  | 193.55     | 1.10    | ppb   |
| Lead       | 207-1 | 185.64  | 186.42  | 182.81  | 184.95     | 1.02    | ppb   |
| Lead       | 208-1 | 192.60  | 193.51  | 189.85  | 191.98     | 0.99    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1163.07 | 1148.65 | 1153.17 | 1154.96    | 0.64    | ppb   |
| Manganese  | 55-2  | 99.97   | 100.33  | 100.90  | 100.40     | 0.46    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:29:14 | DataFile Name :   | 013ICV01.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 472.44   | 467.54   | 470.42   | 470.13     | 0.52    | ppb   |
| Molybdenum | 95-1  | 477.15   | 474.26   | 475.62   | 475.68     | 0.30    | ppb   |
| Molybdenum | 96-1  | 471.75   | 464.16   | 465.86   | 467.26     | 0.85    | ppb   |
| Molybdenum | 97-1  | 471.81   | 469.67   | 469.13   | 470.20     | 0.30    | ppb   |
| Molybdenum | 98-1  | 475.57   | 473.06   | 473.46   | 474.03     | 0.28    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 102.96   | 103.11   | 102.03   | 102.70     | 0.57    | ppb   |
| Phosphorus | 31-2  | 6.02     | -2.79    | -2.13    | 0.37       | 1333.14 | ppb   |
| Potassium  | 39-2  | 1991.66  | 1983.76  | 1974.19  | 1983.20    | 0.44    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 211.46   | 200.62   | 219.30   | 210.46     | 4.46    | ppb   |
| Selenium   | 78-2  | 209.73   | 207.56   | 208.21   | 208.50     | 0.53    | ppb   |
| Selenium   | 82-1  | 198.63   | 197.69   | 198.08   | 198.13     | 0.24    | ppb   |
| Silicon    | 28-1  | 486.52   | 495.87   | 492.52   | 491.63     | 0.96    | ppb   |
| Silver     | 109-1 | 101.23   | 101.07   | 100.54   | 100.95     | 0.36    | ppb   |
| Silver     | 107-1 | 101.18   | 101.68   | 100.51   | 101.12     | 0.58    | ppb   |
| Sodium     | 23-2  | 1985.39  | 1974.86  | 1969.47  | 1976.57    | 0.41    | ppb   |
| Strontium  | 86-1  | 475.64   | 469.64   | 477.32   | 474.20     | 0.85    | ppb   |
| Strontium  | 88-1  | 482.86   | 476.91   | 477.88   | 479.22     | 0.67    | ppb   |
| Sulfur     | 34-1  | -1245.36 | -1205.43 | -1318.39 | -1256.39   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 199.53   | 199.69   | 196.15   | 198.46     | 1.01    | ppb   |
| Thallium   | 205-1 | 202.61   | 200.29   | 197.21   | 200.04     | 1.36    | ppb   |
| Tin        | 118-1 | 491.51   | 499.86   | 487.59   | 492.98     | 1.27    | ppb   |
| Titanium   | 47-1  | 474.41   | 478.83   | 480.02   | 477.75     | 0.62    | ppb   |
| Uranium    | 238-1 | 493.28   | 493.96   | 486.89   | 491.38     | 0.79    | ppb   |
| Vanadium   | 51-2  | 96.36    | 95.71    | 95.41    | 95.83      | 0.51    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 204.43   | 206.06   | 204.44   | 204.98     | 0.46    | ppb   |
| Zirconium  | 90-1  | 469.94   | 469.79   | 469.86   | 469.86     | 0.02    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:29:14 | DataFile Name :   | 013ICV01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 465.24  | 466.74  | 468.00  | 466.66     | 0.30    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 16:32:38 DataFile Name : 014CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.39   | -0.39   | -0.60   | -0.46      |         | ppb   |
| Antimony   | 121-1 | 0.95    | 0.85    | 0.82    | 0.87       | 7.75    | ppb   |
| Arsenic    | 75-2  | 0.09    | 0.04    | 0.11    | 0.08       | 42.33   | ppb   |
| Barium     | 135-1 | 0.00    | 0.02    | 0.00    | 0.01       | 158.29  | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 26.74   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.03    | 0.02       | 35.29   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 24.82   | 25.78   | 25.71   | 25.44      | 2.09    | ppb   |
| Boron      | 11-1  | 25.43   | 25.41   | 24.30   | 25.04      | 2.59    | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.04    | 0.02    | 0.03       | 47.38   | ppb   |
| Cadmium    | 106-1 | 0.14    | 0.42    | 0.00    | 0.19       | 114.81  | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.03    | 0.03    | 0.02       | 42.60   | ppb   |
| Calcium    | 43-1  | 1.92    | 1.33    | 2.16    | 1.81       | 23.64   | ppb   |
| Calcium    | 44-1  | 4.65    | 4.83    | 3.71    | 4.40       | 13.61   | ppb   |
| Chromium   | 52-2  | -0.05   | 0.00    | -0.01   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.12    | 0.13    | 0.13    | 0.13       | 5.32    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 1.65    | 1.61    | 1.50    | 1.59       | 5.14    | ppb   |
| Iron       | 57-2  | 1.17    | 1.76    | 1.30    | 1.41       | 21.98   | ppb   |
| Lead       | 206-1 | 0.10    | 0.08    | 0.09    | 0.09       | 14.43   | ppb   |
| Lead       | 207-1 | 0.07    | 0.09    | 0.09    | 0.08       | 13.20   | ppb   |
| Lead       | 208-1 | 0.09    | 0.08    | 0.08    | 0.08       | 6.41    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1.32    | 1.43    | 1.25    | 1.34       | 6.87    | ppb   |
| Manganese  | 55-2  | 0.07    | 0.06    | 0.04    | 0.06       | 26.83   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:32:38 | DataFile Name :   | 014CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.16     | 0.14     | 0.13     | 0.15       | 9.41    | ppb   |
| Molybdenum | 95-1  | 0.44     | 0.40     | 0.38     | 0.40       | 8.57    | ppb   |
| Molybdenum | 96-1  | 0.38     | 0.36     | 0.33     | 0.36       | 7.57    | ppb   |
| Molybdenum | 97-1  | 0.49     | 0.42     | 0.39     | 0.43       | 11.17   | ppb   |
| Molybdenum | 98-1  | 0.46     | 0.43     | 0.39     | 0.43       | 7.53    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | 11.39    | -4.97    | -1.06    | 1.79       | 477.68  | ppb   |
| Potassium  | 39-2  | 23.57    | 22.12    | 18.66    | 21.45      | 11.76   | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.01    | -0.27    | 0.77     | 0.16       | 327.24  | ppb   |
| Selenium   | 78-2  | 0.21     | -0.04    | 0.47     | 0.21       | 120.40  | ppb   |
| Selenium   | 82-1  | 0.45     | 0.34     | 0.62     | 0.47       | 29.42   | ppb   |
| Silicon    | 28-1  | 0.16     | -0.74    | -0.62    | -0.40      |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.01     | 0.01     | 0.01       | 9.23    | ppb   |
| Silver     | 107-1 | 0.01     | 0.02     | 0.01     | 0.01       | 21.66   | ppb   |
| Sodium     | 23-2  | 40.16    | 38.51    | 37.54    | 38.73      | 3.42    | ppb   |
| Strontium  | 86-1  | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Strontium  | 88-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -1305.94 | -1319.41 | -1237.63 | -1287.66   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.07     | 0.06     | 0.06     | 0.06       | 12.14   | ppb   |
| Thallium   | 205-1 | 0.07     | 0.07     | 0.06     | 0.07       | 11.94   | ppb   |
| Tin        | 118-1 | 0.36     | 0.33     | 0.34     | 0.34       | 3.97    | ppb   |
| Titanium   | 47-1  | -0.02    | 0.04     | 0.05     | 0.03       | 155.79  | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.01     | 0.02       | 5.60    | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.01     | 0.00     | 0.01       | 8.37    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.06     | 0.15     | 0.14     | 0.12       | 41.59   | ppb   |
| Zirconium  | 90-1  | 0.05     | 0.04     | 0.05     | 0.04       | 8.08    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:32:38 | DataFile Name :   | 014CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.04    | 0.03       | 26.09   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 16:36:05 DataFile Name : 015ICSA01.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 88123.80 | 85976.59 | 87724.57 | 87274.99   | 1.31    | ppb   |
| Antimony   | 121-1 | 1.49     | 1.42     | 1.46     | 1.46       | 2.48    | ppb   |
| Arsenic    | 75-2  | 0.33     | 0.44     | 0.36     | 0.37       | 14.95   | ppb   |
| Barium     | 135-1 | 1.51     | 1.37     | 1.41     | 1.43       | 4.97    | ppb   |
| Barium     | 137-1 | 1.53     | 1.38     | 1.47     | 1.46       | 5.19    | ppb   |
| Beryllium  | 9-1   | 0.25     | 0.27     | 0.28     | 0.27       | 4.78    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 18.31    | 18.31    | 17.52    | 18.05      | 2.54    | ppb   |
| Boron      | 11-1  | 18.81    | 18.42    | 18.11    | 18.44      | 1.91    | ppb   |
| Cadmium    | 111-1 | 0.44     | 0.33     | 0.46     | 0.41       | 17.22   | ppb   |
| Cadmium    | 106-1 | 0.15     | -0.53    | 0.71     | 0.11       | 569.00  | ppb   |
| Cadmium    | 108-1 | 9.71     | 10.39    | 9.95     | 10.01      | 3.44    | ppb   |
| Calcium    | 43-1  | 92119.58 | 93054.92 | 93420.19 | 92864.90   | 0.72    | ppb   |
| Calcium    | 44-1  | 91483.39 | 91879.62 | 91253.05 | 91538.69   | 0.35    | ppb   |
| Chromium   | 52-2  | 19.52    | 19.59    | 19.59    | 19.57      | 0.20    | ppb   |
| Cobalt     | 59-2  | 1.09     | 1.13     | 1.13     | 1.12       | 2.10    | ppb   |
| Copper     | 63-2  | 7.89     | 7.93     | 8.13     | 7.98       | 1.63    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 98350.32 | 99172.58 | 98872.25 | 98798.38   | 0.42    | ppb   |
| Iron       | 57-2  | 98377.44 | 97854.47 | 98541.78 | 98257.90   | 0.37    | ppb   |
| Lead       | 206-1 | 4.80     | 4.79     | 4.85     | 4.81       | 0.70    | ppb   |
| Lead       | 207-1 | 4.15     | 4.22     | 4.11     | 4.16       | 1.35    | ppb   |
| Lead       | 208-1 | 4.44     | 4.46     | 4.43     | 4.44       | 0.35    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 93917.42 | 92343.28 | 93919.26 | 93393.32   | 0.97    | ppb   |
| Manganese  | 55-2  | 8.01     | 7.66     | 7.86     | 7.85       | 2.26    | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB89354             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-08-08 16:36:05 | DataFile Name :   | 015ICSA01.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 580.16    | 575.46   | 584.51    | 580.04     | 0.78    | ppb   |
| Molybdenum | 95-1  | 1901.96   | 1885.29  | 1916.18   | 1901.15    | 0.81    | ppb   |
| Molybdenum | 96-1  | 1576.49   | 1562.44  | 1583.22   | 1574.05    | 0.67    | ppb   |
| Molybdenum | 97-1  | 1888.41   | 1877.30  | 1901.42   | 1889.04    | 0.64    | ppb   |
| Molybdenum | 98-1  | 1905.64   | 1881.28  | 1898.57   | 1895.16    | 0.66    | ppb   |
| Neodymium  | 150-1 |           |          |           |            |         | cps   |
| Neodymium  | 150-2 |           |          |           |            |         | cps   |
| Nickel     | 60-2  | 5.38      | 5.22     | 5.31      | 5.31       | 1.52    | ppb   |
| Phosphorus | 31-2  | 100417.81 | 99369.55 | 100772.03 | 100186.46  | 0.73    | ppb   |
| Potassium  | 39-2  | 96030.71  | 96010.75 | 96589.47  | 96210.31   | 0.34    | ppb   |
| Rhodium    | 103-1 |           |          |           |            |         | %     |
| Rhodium    | 103-2 |           |          |           |            |         | %     |
| Scandium   | 45-1  |           |          |           |            |         | %     |
| Scandium   | 45-2  |           |          |           |            |         | %     |
| Selenium   | 77-2  | 0.49      | -0.01    | 0.49      | 0.32       | 89.56   | ppb   |
| Selenium   | 78-2  | 0.71      | 0.68     | 0.61      | 0.67       | 7.46    | ppb   |
| Selenium   | 82-1  | 0.75      | -0.02    | 0.08      | 0.27       | 155.36  | ppb   |
| Silicon    | 28-1  | 25.53     | 25.46    | 26.93     | 25.97      | 3.19    | ppb   |
| Silver     | 109-1 | 0.07      | 0.09     | 0.08      | 0.08       | 15.37   | ppb   |
| Silver     | 107-1 | 0.08      | 0.09     | 0.09      | 0.09       | 6.77    | ppb   |
| Sodium     | 23-2  | 97096.33  | 96704.93 | 97908.31  | 97236.53   | 0.63    | ppb   |
| Strontium  | 86-1  | 32.70     | 31.88    | 32.22     | 32.27      | 1.27    | ppb   |
| Strontium  | 88-1  | 33.15     | 32.60    | 32.89     | 32.88      | 0.83    | ppb   |
| Sulfur     | 34-1  | 71520.15  | 71420.09 | 70940.03  | 71293.42   | 0.43    | ppb   |
| Terbium    | 159-1 |           |          |           |            |         | %     |
| Terbium    | 159-2 |           |          |           |            |         | %     |
| Thallium   | 203-1 | 0.12      | 0.15     | 0.14      | 0.14       | 10.25   | ppb   |
| Thallium   | 205-1 | 0.13      | 0.15     | 0.14      | 0.14       | 5.81    | ppb   |
| Tin        | 118-1 | 0.54      | 0.52     | 0.49      | 0.52       | 5.69    | ppb   |
| Titanium   | 47-1  | 1926.49   | 1933.22  | 1938.61   | 1932.77    | 0.31    | ppb   |
| Uranium    | 238-1 | 0.02      | 0.02     | 0.02      | 0.02       | 5.33    | ppb   |
| Vanadium   | 51-2  | 0.16      | 0.16     | 0.15      | 0.16       | 4.09    | ppb   |
| Yttrium    | 89-1  |           |          |           |            |         | %     |
| Yttrium    | 89-2  |           |          |           |            |         | %     |
| Zinc       | 66-2  | 11.81     | 11.30    | 11.05     | 11.39      | 3.41    | ppb   |
| Zirconium  | 90-1  | 0.29      | 0.23     | 0.24      | 0.25       | 13.29   | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB89354             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-08-08 16:36:05 | DataFile Name :   | 015ICSA01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.31    | 0.25    | 0.23    | 0.26       | 15.71   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:39:27 | DataFile Name :   | 016ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 88841.44 | 86697.75 | 86311.53 | 87283.57   | 1.56    | ppb   |
| Antimony   | 121-1 | 20.28    | 20.23    | 20.45    | 20.32      | 0.58    | ppb   |
| Arsenic    | 75-2  | 19.81    | 19.47    | 19.32    | 19.54      | 1.28    | ppb   |
| Barium     | 135-1 | 20.84    | 20.81    | 20.86    | 20.83      | 0.11    | ppb   |
| Barium     | 137-1 | 21.12    | 21.02    | 21.05    | 21.06      | 0.24    | ppb   |
| Beryllium  | 9-1   | 19.64    | 19.72    | 19.71    | 19.69      | 0.21    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 64.19    | 64.40    | 65.76    | 64.78      | 1.32    | ppb   |
| Boron      | 11-1  | 65.78    | 66.13    | 67.83    | 66.58      | 1.64    | ppb   |
| Cadmium    | 111-1 | 19.41    | 19.78    | 20.08    | 19.76      | 1.69    | ppb   |
| Cadmium    | 106-1 | 24.22    | 22.80    | 23.13    | 23.38      | 3.17    | ppb   |
| Cadmium    | 108-1 | 32.15    | 31.60    | 30.81    | 31.52      | 2.14    | ppb   |
| Calcium    | 43-1  | 92512.36 | 92031.56 | 91634.95 | 92059.63   | 0.48    | ppb   |
| Calcium    | 44-1  | 91890.73 | 90953.70 | 92092.39 | 91645.60   | 0.66    | ppb   |
| Chromium   | 52-2  | 39.39    | 38.78    | 38.59    | 38.92      | 1.08    | ppb   |
| Cobalt     | 59-2  | 20.36    | 20.43    | 20.48    | 20.42      | 0.29    | ppb   |
| Copper     | 63-2  | 27.64    | 27.69    | 27.21    | 27.51      | 0.96    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 99047.84 | 98998.38 | 98031.58 | 98692.60   | 0.58    | ppb   |
| Iron       | 57-2  | 98077.90 | 98342.23 | 98152.01 | 98190.71   | 0.14    | ppb   |
| Lead       | 206-1 | 23.91    | 24.38    | 24.45    | 24.25      | 1.22    | ppb   |
| Lead       | 207-1 | 22.19    | 22.29    | 22.31    | 22.26      | 0.27    | ppb   |
| Lead       | 208-1 | 22.98    | 23.13    | 23.33    | 23.15      | 0.76    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 95954.20 | 93558.49 | 92984.80 | 94165.83   | 1.67    | ppb   |
| Manganese  | 55-2  | 27.65    | 27.51    | 27.21    | 27.46      | 0.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:39:27 | DataFile Name :   | 016ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 630.12    | 625.77   | 628.86   | 628.25     | 0.36    | ppb   |
| Molybdenum | 95-1  | 1956.10   | 1946.18  | 1946.06  | 1949.45    | 0.30    | ppb   |
| Molybdenum | 96-1  | 1632.69   | 1618.78  | 1614.54  | 1622.00    | 0.59    | ppb   |
| Molybdenum | 97-1  | 1939.64   | 1938.20  | 1944.15  | 1940.66    | 0.16    | ppb   |
| Molybdenum | 98-1  | 1944.58   | 1944.11  | 1947.63  | 1945.44    | 0.10    | ppb   |
| Neodymium  | 150-1 |           |          |          |            |         | cps   |
| Neodymium  | 150-2 |           |          |          |            |         | cps   |
| Nickel     | 60-2  | 25.06     | 24.79    | 24.89    | 24.91      | 0.55    | ppb   |
| Phosphorus | 31-2  | 101293.85 | 99822.83 | 99093.69 | 100070.12  | 1.12    | ppb   |
| Potassium  | 39-2  | 96660.02  | 95683.11 | 95979.11 | 96107.41   | 0.52    | ppb   |
| Rhodium    | 103-1 |           |          |          |            |         | %     |
| Rhodium    | 103-2 |           |          |          |            |         | %     |
| Scandium   | 45-1  |           |          |          |            |         | %     |
| Scandium   | 45-2  |           |          |          |            |         | %     |
| Selenium   | 77-2  | 14.58     | 24.60    | 23.78    | 20.99      | 26.50   | ppb   |
| Selenium   | 78-2  | 20.72     | 20.06    | 19.59    | 20.12      | 2.83    | ppb   |
| Selenium   | 82-1  | 19.26     | 19.69    | 20.23    | 19.72      | 2.46    | ppb   |
| Silicon    | 28-1  | 91.59     | 90.62    | 91.94    | 91.38      | 0.75    | ppb   |
| Silver     | 109-1 | 18.62     | 18.48    | 18.55    | 18.55      | 0.37    | ppb   |
| Silver     | 107-1 | 18.65     | 18.41    | 18.67    | 18.57      | 0.78    | ppb   |
| Sodium     | 23-2  | 99264.30  | 97341.80 | 97480.43 | 98028.84   | 1.09    | ppb   |
| Strontium  | 86-1  | 81.33     | 82.06    | 81.39    | 81.59      | 0.49    | ppb   |
| Strontium  | 88-1  | 82.80     | 83.54    | 83.73    | 83.36      | 0.59    | ppb   |
| Sulfur     | 34-1  | 70987.26  | 69678.80 | 69804.35 | 70156.80   | 1.03    | ppb   |
| Terbium    | 159-1 |           |          |          |            |         | %     |
| Terbium    | 159-2 |           |          |          |            |         | %     |
| Thallium   | 203-1 | 19.43     | 19.82    | 19.89    | 19.71      | 1.26    | ppb   |
| Thallium   | 205-1 | 19.72     | 19.96    | 20.13    | 19.94      | 1.04    | ppb   |
| Tin        | 118-1 | 50.11     | 49.56    | 50.34    | 50.00      | 0.80    | ppb   |
| Titanium   | 47-1  | 1962.79   | 1946.08  | 1982.21  | 1963.69    | 0.92    | ppb   |
| Uranium    | 238-1 | 47.75     | 47.85    | 48.48    | 48.03      | 0.82    | ppb   |
| Vanadium   | 51-2  | 19.39     | 19.29    | 19.37    | 19.35      | 0.29    | ppb   |
| Yttrium    | 89-1  |           |          |          |            |         | %     |
| Yttrium    | 89-2  |           |          |          |            |         | %     |
| Zinc       | 66-2  | 30.25     | 31.13    | 30.29    | 30.56      | 1.63    | ppb   |
| Zirconium  | 90-1  | 48.62     | 48.40    | 49.12    | 48.71      | 0.75    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:39:27 | DataFile Name :   | 016ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 48.23   | 48.59   | 48.31   | 48.38      | 0.38    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89354             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV65               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV65               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-08 16:42:50 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 47620.11  | 47278.43  | 47193.77  | 47364.10   | 0.48    | ppb   |
| Antimony   | 121-1 | 493.05    | 492.16    | 499.13    | 494.78     | 0.77    | ppb   |
| Arsenic    | 75-2  | 500.77    | 500.83    | 495.53    | 499.04     | 0.61    | ppb   |
| Barium     | 135-1 | 2499.31   | 2486.15   | 2556.13   | 2513.86    | 1.48    | ppb   |
| Barium     | 137-1 | 2497.62   | 2480.67   | 2551.71   | 2510.00    | 1.48    | ppb   |
| Beryllium  | 9-1   | 511.25    | 520.05    | 517.63    | 516.31     | 0.88    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 518.05    | 532.25    | 540.77    | 530.36     | 2.16    | ppb   |
| Boron      | 11-1  | 534.95    | 550.77    | 551.85    | 545.85     | 1.73    | ppb   |
| Cadmium    | 111-1 | 482.48    | 481.09    | 488.19    | 483.92     | 0.78    | ppb   |
| Cadmium    | 106-1 | 495.24    | 484.23    | 494.79    | 491.42     | 1.27    | ppb   |
| Cadmium    | 108-1 | 487.42    | 484.94    | 494.08    | 488.82     | 0.97    | ppb   |
| Calcium    | 43-1  | 231191.09 | 235046.51 | 233382.16 | 233206.59  | 0.83    | ppb   |
| Calcium    | 44-1  | 231058.71 | 233459.18 | 233780.42 | 232766.10  | 0.64    | ppb   |
| Chromium   | 52-2  | 500.17    | 500.28    | 488.78    | 496.41     | 1.33    | ppb   |
| Cobalt     | 59-2  | 479.54    | 476.57    | 472.27    | 476.12     | 0.77    | ppb   |
| Copper     | 63-2  | 950.92    | 943.05    | 929.72    | 941.23     | 1.14    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 122626.32 | 121936.12 | 119708.38 | 121423.61  | 1.26    | ppb   |
| Iron       | 57-2  | 122100.40 | 121141.91 | 119681.74 | 120974.68  | 1.01    | ppb   |
| Lead       | 206-1 | 508.15    | 511.24    | 507.29    | 508.90     | 0.41    | ppb   |
| Lead       | 207-1 | 503.24    | 508.89    | 505.63    | 505.92     | 0.56    | ppb   |
| Lead       | 208-1 | 504.14    | 512.89    | 509.27    | 508.77     | 0.86    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 241313.99 | 240079.23 | 239573.04 | 240322.09  | 0.37    | ppb   |
| Manganese  | 55-2  | 1000.19   | 1000.42   | 983.81    | 994.81     | 0.96    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89354             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV65               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV65               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-08 16:42:50 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 503.98    | 506.83    | 502.54    | 504.45     | 0.43    | ppb   |
| Molybdenum | 95-1  | 501.89    | 499.89    | 503.47    | 501.75     | 0.36    | ppb   |
| Molybdenum | 96-1  | 493.67    | 495.80    | 499.44    | 496.30     | 0.59    | ppb   |
| Molybdenum | 97-1  | 491.94    | 498.31    | 498.83    | 496.36     | 0.77    | ppb   |
| Molybdenum | 98-1  | 497.89    | 505.84    | 499.86    | 501.19     | 0.83    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 477.80    | 475.20    | 471.37    | 474.79     | 0.68    | ppb   |
| Phosphorus | 31-2  | 10226.91  | 10275.30  | 10249.75  | 10250.65   | 0.24    | ppb   |
| Potassium  | 39-2  | 126395.56 | 125542.06 | 123547.95 | 125161.86  | 1.17    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 494.16    | 495.23    | 479.95    | 489.78     | 1.74    | ppb   |
| Selenium   | 78-2  | 496.54    | 497.74    | 499.48    | 497.92     | 0.30    | ppb   |
| Selenium   | 82-1  | 474.76    | 476.86    | 476.92    | 476.18     | 0.26    | ppb   |
| Silicon    | 28-1  | 499.37    | 505.13    | 502.49    | 502.33     | 0.57    | ppb   |
| Silver     | 109-1 | 480.50    | 482.11    | 491.37    | 484.66     | 1.21    | ppb   |
| Silver     | 107-1 | 489.89    | 484.77    | 492.99    | 489.22     | 0.85    | ppb   |
| Sodium     | 23-2  | 249873.30 | 248198.77 | 246548.74 | 248206.93  | 0.67    | ppb   |
| Strontium  | 86-1  | 507.32    | 510.62    | 514.00    | 510.65     | 0.65    | ppb   |
| Strontium  | 88-1  | 514.43    | 515.93    | 519.12    | 516.49     | 0.46    | ppb   |
| Sulfur     | 34-1  | 8626.65   | 8623.69   | 8498.61   | 8582.98    | 0.85    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 509.52    | 519.91    | 510.15    | 513.19     | 1.13    | ppb   |
| Thallium   | 205-1 | 512.03    | 518.75    | 511.89    | 514.22     | 0.76    | ppb   |
| Tin        | 118-1 | 503.66    | 498.77    | 504.15    | 502.20     | 0.59    | ppb   |
| Titanium   | 47-1  | 492.76    | 497.18    | 495.52    | 495.15     | 0.45    | ppb   |
| Uranium    | 238-1 | 514.53    | 524.08    | 518.65    | 519.09     | 0.92    | ppb   |
| Vanadium   | 51-2  | 496.80    | 498.48    | 491.91    | 495.73     | 0.69    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 933.87    | 933.54    | 913.62    | 927.01     | 1.25    | ppb   |
| Zirconium  | 90-1  | 504.09    | 506.07    | 509.66    | 506.61     | 0.56    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89354             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV65               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV65               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-08 16:42:50 | DataFile Name :   | 017CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 502.02  | 503.55  | 502.69  | 502.75     | 0.15    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : CCB65 Instrumnet Name : P7  
 Client Sample ID : CCB65 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 16:46:14 DataFile Name : 018CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.74   | 0.00    | -0.34   | -0.36      |         | ppb   |
| Antimony   | 121-1 | 1.28    | 1.19    | 1.10    | 1.19       | 7.40    | ppb   |
| Arsenic    | 75-2  | 0.15    | 0.11    | 0.09    | 0.12       | 23.68   | ppb   |
| Barium     | 135-1 | 0.02    | 0.01    | 0.00    | 0.01       | 121.00  | ppb   |
| Barium     | 137-1 | 0.02    | 0.03    | 0.02    | 0.02       | 23.76   | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.04    | 0.03    | 0.03       | 22.45   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 18.84   | 19.62   | 18.15   | 18.87      | 3.90    | ppb   |
| Boron      | 11-1  | 20.96   | 20.79   | 18.89   | 20.21      | 5.69    | ppb   |
| Cadmium    | 111-1 | -0.01   | 0.08    | 0.07    | 0.05       | 99.89   | ppb   |
| Cadmium    | 106-1 | -0.30   | 0.82    | 0.68    | 0.40       | 153.21  | ppb   |
| Cadmium    | 108-1 | 0.13    | 0.04    | 0.05    | 0.07       | 70.41   | ppb   |
| Calcium    | 43-1  | 1.61    | -0.44   | -0.78   | 0.13       | 996.16  | ppb   |
| Calcium    | 44-1  | 4.50    | 4.29    | 3.88    | 4.22       | 7.49    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.31    | 0.31    | 0.28    | 0.30       | 5.79    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 2.50    | 2.54    | 2.51    | 2.52       | 0.96    | ppb   |
| Iron       | 57-2  | 2.83    | 1.92    | 2.24    | 2.33       | 19.82   | ppb   |
| Lead       | 206-1 | 0.16    | 0.16    | 0.15    | 0.15       | 0.94    | ppb   |
| Lead       | 207-1 | 0.17    | 0.17    | 0.17    | 0.17       | 2.69    | ppb   |
| Lead       | 208-1 | 0.16    | 0.16    | 0.15    | 0.16       | 3.29    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 2.06    | 2.31    | 1.69    | 2.02       | 15.60   | ppb   |
| Manganese  | 55-2  | 0.01    | 0.01    | 0.00    | 0.01       | 103.00  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB65               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB65               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:46:14 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.24     | 0.23     | 0.24     | 0.24       | 1.38    | ppb   |
| Molybdenum | 95-1  | 0.62     | 0.64     | 0.55     | 0.61       | 8.10    | ppb   |
| Molybdenum | 96-1  | 0.54     | 0.50     | 0.50     | 0.51       | 4.92    | ppb   |
| Molybdenum | 97-1  | 0.64     | 0.62     | 0.62     | 0.63       | 1.97    | ppb   |
| Molybdenum | 98-1  | 0.67     | 0.58     | 0.58     | 0.61       | 8.09    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | 0.27     | -1.02    | 0.54     | -0.07      |         | ppb   |
| Potassium  | 39-2  | 45.37    | 47.18    | 44.18    | 45.58      | 3.31    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | -0.27    | -0.27      |         | ppb   |
| Selenium   | 78-2  | 0.42     | 0.56     | 0.43     | 0.47       | 16.55   | ppb   |
| Selenium   | 82-1  | 0.23     | 0.49     | -0.09    | 0.21       | 140.22  | ppb   |
| Silicon    | 28-1  | -5.37    | -4.72    | -5.74    | -5.28      |         | ppb   |
| Silver     | 109-1 | 0.07     | 0.06     | 0.06     | 0.07       | 8.91    | ppb   |
| Silver     | 107-1 | 0.07     | 0.06     | 0.05     | 0.06       | 17.61   | ppb   |
| Sodium     | 23-2  | 77.33    | 73.14    | 73.42    | 74.63      | 3.14    | ppb   |
| Strontium  | 86-1  | 0.02     | 0.01     | 0.02     | 0.02       | 39.81   | ppb   |
| Strontium  | 88-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -1599.73 | -1436.79 | -1487.97 | -1508.16   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.13     | 0.10     | 0.11     | 0.12       | 14.61   | ppb   |
| Thallium   | 205-1 | 0.12     | 0.11     | 0.10     | 0.11       | 9.45    | ppb   |
| Tin        | 118-1 | 0.33     | 0.33     | 0.28     | 0.31       | 8.84    | ppb   |
| Titanium   | 47-1  | 0.07     | 0.09     | 0.05     | 0.07       | 23.86   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 13.81   | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.01     | 0.01       | 54.54   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.06     | 0.06     | 0.09     | 0.07       | 24.87   | ppb   |
| Zirconium  | 90-1  | 0.09     | 0.08     | 0.08     | 0.08       | 10.18   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB65               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB65               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:46:14 | DataFile Name :   | 018CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.07    | 0.11    | 0.09       | 24.05   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:49:39 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.18   | 11.34   | 11.91   | 12.15      | 7.73    | ppb   |
| Antimony   | 121-1 | 1.70    | 1.71    | 1.58    | 1.66       | 4.39    | ppb   |
| Arsenic    | 75-2  | 0.73    | 0.70    | 0.76    | 0.73       | 3.49    | ppb   |
| Barium     | 135-1 | 6.60    | 6.36    | 6.44    | 6.47       | 1.89    | ppb   |
| Barium     | 137-1 | 6.43    | 6.52    | 6.41    | 6.45       | 0.89    | ppb   |
| Beryllium  | 9-1   | 0.75    | 0.64    | 0.67    | 0.69       | 8.09    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 27.54   | 27.16   | 26.74   | 27.15      | 1.47    | ppb   |
| Boron      | 11-1  | 27.41   | 27.08   | 26.17   | 26.88      | 2.39    | ppb   |
| Cadmium    | 111-1 | 0.77    | 0.71    | 0.71    | 0.73       | 4.74    | ppb   |
| Cadmium    | 106-1 | 1.37    | 0.59    | 1.20    | 1.05       | 39.18   | ppb   |
| Cadmium    | 108-1 | 0.78    | 0.89    | 0.82    | 0.83       | 6.98    | ppb   |
| Calcium    | 43-1  | 306.06  | 321.90  | 312.67  | 313.54     | 2.54    | ppb   |
| Calcium    | 44-1  | 309.47  | 315.37  | 307.41  | 310.75     | 1.33    | ppb   |
| Chromium   | 52-2  | 1.41    | 1.39    | 1.36    | 1.39       | 1.95    | ppb   |
| Cobalt     | 59-2  | 0.69    | 0.66    | 0.65    | 0.67       | 3.38    | ppb   |
| Copper     | 63-2  | 1.74    | 1.77    | 1.78    | 1.77       | 1.36    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 34.77   | 35.14   | 34.78   | 34.90      | 0.61    | ppb   |
| Iron       | 57-2  | 35.39   | 36.28   | 36.42   | 36.03      | 1.54    | ppb   |
| Lead       | 206-1 | 1.19    | 1.22    | 1.19    | 1.20       | 1.30    | ppb   |
| Lead       | 207-1 | 1.20    | 1.20    | 1.24    | 1.21       | 1.86    | ppb   |
| Lead       | 208-1 | 1.18    | 1.22    | 1.22    | 1.21       | 1.81    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 318.63  | 325.94  | 321.78  | 322.12     | 1.14    | ppb   |
| Manganese  | 55-2  | 0.71    | 0.74    | 0.69    | 0.71       | 3.17    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:49:39 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.52     | 1.52     | 1.50     | 1.51       | 0.61    | ppb   |
| Molybdenum | 95-1  | 3.33     | 3.34     | 3.30     | 3.32       | 0.74    | ppb   |
| Molybdenum | 96-1  | 2.85     | 2.83     | 2.92     | 2.87       | 1.68    | ppb   |
| Molybdenum | 97-1  | 3.49     | 3.41     | 3.37     | 3.42       | 1.80    | ppb   |
| Molybdenum | 98-1  | 3.36     | 3.32     | 3.39     | 3.36       | 1.13    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.73     | 0.69     | 0.67     | 0.70       | 4.27    | ppb   |
| Phosphorus | 31-2  | -4.38    | 3.13     | 10.16    | 2.97       | 244.94  | ppb   |
| Potassium  | 39-2  | 357.38   | 355.97   | 347.53   | 353.63     | 1.51    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 3.35     | 1.90     | 5.74     | 3.67       | 52.93   | ppb   |
| Selenium   | 78-2  | 4.24     | 4.00     | 3.35     | 3.86       | 11.80   | ppb   |
| Selenium   | 82-1  | 3.46     | 3.40     | 3.14     | 3.33       | 5.12    | ppb   |
| Silicon    | 28-1  | 3.62     | 5.24     | 3.78     | 4.21       | 21.24   | ppb   |
| Silver     | 109-1 | 0.93     | 0.85     | 0.93     | 0.91       | 5.53    | ppb   |
| Silver     | 107-1 | 0.88     | 0.90     | 0.89     | 0.89       | 1.34    | ppb   |
| Sodium     | 23-2  | 385.11   | 382.27   | 378.27   | 381.88     | 0.90    | ppb   |
| Strontium  | 86-1  | 0.75     | 0.62     | 0.62     | 0.66       | 11.07   | ppb   |
| Strontium  | 88-1  | 0.67     | 0.65     | 0.63     | 0.65       | 2.70    | ppb   |
| Sulfur     | 34-1  | -1359.48 | -1272.88 | -1409.95 | -1347.44   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.66     | 0.70     | 0.69     | 0.68       | 2.43    | ppb   |
| Thallium   | 205-1 | 0.71     | 0.68     | 0.68     | 0.69       | 1.97    | ppb   |
| Tin        | 118-1 | 3.41     | 3.41     | 3.32     | 3.38       | 1.52    | ppb   |
| Titanium   | 47-1  | 3.56     | 3.19     | 2.96     | 3.24       | 9.43    | ppb   |
| Uranium    | 238-1 | 0.58     | 0.59     | 0.60     | 0.59       | 1.63    | ppb   |
| Vanadium   | 51-2  | 3.25     | 3.21     | 3.17     | 3.21       | 1.20    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1.99     | 1.97     | 1.95     | 1.97       | 0.90    | ppb   |
| Zirconium  | 90-1  | 0.74     | 0.75     | 0.75     | 0.75       | 0.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:49:39 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.67    | 0.72    | 0.75    | 0.71       | 5.77    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101366BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101366BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:05:06 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.36   | 0.15    | -0.18   | -0.13      |         | ppb   |
| Antimony   | 121-1 | 0.08    | 0.08    | 0.08    | 0.08       | 0.38    | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.01    | 0.01    | 0.01       | 24.06   | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.01    | 0.01       | 53.69   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.27    | 4.31    | 3.46    | 3.68       | 15.15   | ppb   |
| Boron      | 11-1  | 4.21    | 4.00    | 3.78    | 4.00       | 5.35    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.18   | -0.38   | -0.30   | -0.29      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.07    | 0.00    | 0.03       | 127.14  | ppb   |
| Calcium    | 43-1  | 1.03    | 1.23    | -0.77   | 0.49       | 223.65  | ppb   |
| Calcium    | 44-1  | 2.51    | 2.46    | 2.57    | 2.51       | 2.20    | ppb   |
| Chromium   | 52-2  | -0.03   | 0.04    | 0.00    | 0.00       | 625.98  | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.07    | 0.08    | 0.09    | 0.08       | 12.19   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.29    | 0.38    | 0.49    | 0.39       | 26.73   | ppb   |
| Iron       | 57-2  | 0.38    | 0.43    | -0.04   | 0.26       | 101.03  | ppb   |
| Lead       | 206-1 | 0.06    | 0.06    | 0.06    | 0.06       | 5.49    | ppb   |
| Lead       | 207-1 | 0.05    | 0.05    | 0.06    | 0.05       | 8.51    | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.05    | 0.05       | 0.20    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.64    | 0.38    | 0.34    | 0.45       | 36.37   | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | 0.01    | 0.01       | 129.37  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101366BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101366BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:05:06 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04    | 0.03    | 0.03    | 0.04       | 12.85   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.05    | 0.04    | 0.04       | 21.72   | ppb   |
| Molybdenum | 96-1  | 0.05    | 0.05    | 0.05    | 0.05       | 5.42    | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.06    | 0.04    | 0.06       | 35.00   | ppb   |
| Molybdenum | 98-1  | 0.05    | 0.04    | 0.05    | 0.05       | 13.64   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.00    | 0.01    | 0.00       | 131.53  | ppb   |
| Phosphorus | 31-2  | -4.44   | -0.49   | -9.51   | -4.81      |         | ppb   |
| Potassium  | 39-2  | 9.41    | 9.65    | 10.63   | 9.90       | 6.50    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02   | 0.23    | -0.27   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.88    | 0.06    | -0.11   | 0.28       | 191.83  | ppb   |
| Selenium   | 82-1  | -0.01   | 0.41    | -0.06   | 0.11       | 227.35  | ppb   |
| Silicon    | 28-1  | 0.72    | 2.60    | 2.50    | 1.94       | 54.59   | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 10.20   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.02    | 0.01       | 39.55   | ppb   |
| Sodium     | 23-2  | 31.18   | 32.00   | 34.57   | 32.58      | 5.42    | ppb   |
| Strontium  | 86-1  | 0.05    | 0.03    | 0.02    | 0.03       | 51.44   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.02    | 0.00    | 0.01       | 218.54  | ppb   |
| Sulfur     | 34-1  | -695.43 | -674.38 | -691.57 | -687.13    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.03    | 0.02       | 21.78   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 5.98    | ppb   |
| Tin        | 118-1 | 0.06    | 0.07    | 0.06    | 0.06       | 12.90   | ppb   |
| Titanium   | 47-1  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 127.30  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.00    | -0.02   | -0.02   | -0.02      |         | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.04    | 0.03       | 11.33   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101366BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101366BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:05:06 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.03    | 0.03       | 14.49   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101366BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101366BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:08:32 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.54    | 1.56    | 1.28    | 1.79       | 37.04   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.07    | 0.06       | 5.38    | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.03    | 0.03    | 0.03       | 20.06   | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | 379.29  | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.02    | 0.01       | 21.34   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.02    | 3.41    | 3.02    | 3.15       | 7.04    | ppb   |
| Boron      | 11-1  | 3.33    | 3.50    | 3.32    | 3.38       | 3.00    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.04   | -0.01   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.02    | -0.64   | -0.19   | -0.27      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.02   | 0.01    | 0.00       | 497.89  | ppb   |
| Calcium    | 43-1  | -2.52   | -0.85   | 1.06    | -0.77      |         | ppb   |
| Calcium    | 44-1  | 1.31    | 0.45    | 1.00    | 0.92       | 46.92   | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 625.46  | ppb   |
| Copper     | 63-2  | 0.05    | 0.07    | 0.06    | 0.06       | 12.71   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.63    | 0.68    | 0.69    | 0.67       | 4.65    | ppb   |
| Iron       | 57-2  | 0.65    | -0.12   | 0.20    | 0.24       | 159.86  | ppb   |
| Lead       | 206-1 | 461.09  | 464.70  | 475.37  | 467.05     | 1.59    | ppb   |
| Lead       | 207-1 | 453.71  | 457.30  | 466.29  | 459.10     | 1.41    | ppb   |
| Lead       | 208-1 | 460.02  | 462.73  | 472.05  | 464.93     | 1.36    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.33    | 0.45    | 0.23    | 0.34       | 31.87   | ppb   |
| Manganese  | 55-2  | 0.02    | 0.01    | 0.00    | 0.01       | 54.18   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101366BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101366BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:08:32 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.02    | 0.02       | 16.58   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.05    | 0.06    | 0.05       | 19.70   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.04    | 0.04    | 0.04       | 1.86    | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.06    | 0.07    | 0.06       | 16.66   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.05    | 0.05    | 0.05       | 11.93   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.01    | 0.00    | 0.00       | 134.10  | ppb   |
| Phosphorus | 31-2  | 2.15    | 1.79    | 4.79    | 2.91       | 56.39   | ppb   |
| Potassium  | 39-2  | 8.96    | 10.01   | 7.11    | 8.69       | 16.90   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.23    | -0.27   | 0.47    | 0.14       | 258.97  | ppb   |
| Selenium   | 78-2  | 0.80    | 0.44    | 0.06    | 0.43       | 84.78   | ppb   |
| Selenium   | 82-1  | 0.14    | -0.23   | 0.00    | -0.03      |         | ppb   |
| Silicon    | 28-1  | -0.83   | -0.25   | 1.23    | 0.05       | 2175.68 | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 6.41    | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 6.44    | ppb   |
| Sodium     | 23-2  | 31.41   | 30.55   | 28.34   | 30.10      | 5.25    | ppb   |
| Strontium  | 86-1  | 0.01    | 0.01    | 0.03    | 0.02       | 91.45   | ppb   |
| Strontium  | 88-1  | -0.02   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Sulfur     | 34-1  | -851.52 | -882.06 | -759.99 | -831.19    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.01    | 0.02       | 27.26   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 0.67    | ppb   |
| Tin        | 118-1 | 0.03    | 0.01    | 0.02    | 0.02       | 57.81   | ppb   |
| Titanium   | 47-1  | 0.01    | -0.04   | -0.03   | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 118.83  | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 487.51  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.06    | 0.08    | 0.11    | 0.08       | 27.13   | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.02    | 0.02       | 9.09    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101366BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101366BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:08:32 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.03    | 0.03       | 6.96    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-01 Instrumnet Name : P7  
 Client Sample ID : DC24741-01-BS-H-W3-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:11:57 DataFile Name : 022SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.23    | 2.01    | 2.55    | 2.26       | 11.98   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.08    | 0.07    | 0.08       | 10.33   | ppb   |
| Arsenic    | 75-2  | 0.16    | 0.16    | 0.19    | 0.17       | 9.15    | ppb   |
| Barium     | 135-1 | 0.79    | 0.75    | 0.79    | 0.78       | 2.56    | ppb   |
| Barium     | 137-1 | 0.74    | 0.79    | 0.68    | 0.74       | 7.14    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.01       | 67.16   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 13.85   | 14.54   | 14.59   | 14.33      | 2.91    | ppb   |
| Boron      | 11-1  | 14.54   | 14.93   | 14.79   | 14.75      | 1.32    | ppb   |
| Cadmium    | 111-1 | -0.01   | 0.01    | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.18   | 0.12    | -0.72   | -0.26      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.09    | 0.09    | 0.07       | 59.44   | ppb   |
| Calcium    | 43-1  | 4569.83 | 4540.48 | 4507.27 | 4539.19    | 0.69    | ppb   |
| Calcium    | 44-1  | 4664.83 | 4586.62 | 4565.02 | 4605.49    | 1.14    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 3.57    | 3.59    | 3.63    | 3.60       | 0.75    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 5.26    | 5.41    | 5.48    | 5.38       | 2.16    | ppb   |
| Iron       | 57-2  | 9.94    | 10.00   | 10.24   | 10.06      | 1.55    | ppb   |
| Lead       | 206-1 | 0.26    | 0.23    | 0.25    | 0.25       | 5.19    | ppb   |
| Lead       | 207-1 | 0.24    | 0.25    | 0.26    | 0.25       | 2.39    | ppb   |
| Lead       | 208-1 | 0.25    | 0.25    | 0.25    | 0.25       | 0.74    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1148.98 | 1152.01 | 1160.46 | 1153.82    | 0.52    | ppb   |
| Manganese  | 55-2  | 0.81    | 0.71    | 0.82    | 0.78       | 7.66    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-01 Instrumnet Name : P7  
 Client Sample ID : DC24741-01-BS-H-W3-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:11:57 DataFile Name : 022SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.24     | 0.19     | 0.18     | 0.20       | 15.68   | ppb   |
| Molybdenum | 95-1  | 0.06     | 0.06     | 0.06     | 0.06       | 4.35    | ppb   |
| Molybdenum | 96-1  | 0.10     | 0.10     | 0.08     | 0.09       | 8.38    | ppb   |
| Molybdenum | 97-1  | 0.09     | 0.09     | 0.06     | 0.08       | 25.54   | ppb   |
| Molybdenum | 98-1  | 0.08     | 0.07     | 0.08     | 0.08       | 3.96    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.23     | 0.27     | 0.27     | 0.25       | 9.57    | ppb   |
| Phosphorus | 31-2  | 629.74   | 627.04   | 662.52   | 639.77     | 3.09    | ppb   |
| Potassium  | 39-2  | 562.59   | 571.53   | 564.83   | 566.32     | 0.82    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | -0.03    | -0.19      |         | ppb   |
| Selenium   | 78-2  | 0.55     | -0.08    | -0.46    | 0.01       | 8730.74 | ppb   |
| Selenium   | 82-1  | 0.21     | 0.51     | 0.41     | 0.37       | 40.39   | ppb   |
| Silicon    | 28-1  | 2693.95  | 2687.22  | 2611.09  | 2664.08    | 1.73    | ppb   |
| Silver     | 109-1 | 0.13     | 0.12     | 0.12     | 0.13       | 3.87    | ppb   |
| Silver     | 107-1 | 0.14     | 0.11     | 0.11     | 0.12       | 12.54   | ppb   |
| Sodium     | 23-2  | 10829.64 | 10834.63 | 10908.73 | 10857.67   | 0.41    | ppb   |
| Strontium  | 86-1  | 6.94     | 6.70     | 7.07     | 6.90       | 2.75    | ppb   |
| Strontium  | 88-1  | 7.02     | 7.01     | 6.96     | 7.00       | 0.45    | ppb   |
| Sulfur     | 34-1  | 104.92   | 30.65    | -121.50  | 4.69       | 2460.75 | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 16.16   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.02     | 0.01       | 17.33   | ppb   |
| Tin        | 118-1 | -0.02    | -0.02    | -0.03    | -0.02      |         | ppb   |
| Titanium   | 47-1  | 1.88     | 1.53     | 1.69     | 1.70       | 10.30   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.15     | 0.17     | 0.16     | 0.16       | 3.91    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 2.92     | 3.07     | 3.00     | 3.00       | 2.67    | ppb   |
| Zirconium  | 90-1  | 0.30     | 0.27     | 0.24     | 0.27       | 12.98   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-01             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-01-BS-H-W3-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:11:57  | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.29    | 0.27    | 0.24    | 0.27       | 9.17    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-02 Instrumnet Name : P7  
 Client Sample ID : DC24741-02-BS-H-W3-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:15:21 DataFile Name : 023SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.77    | 0.55    | 0.57    | 0.63       | 19.13   | ppb   |
| Antimony   | 121-1 | 0.08    | 0.06    | 0.08    | 0.07       | 10.01   | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.20    | 0.19    | 0.18       | 8.01    | ppb   |
| Barium     | 135-1 | 0.30    | 0.28    | 0.32    | 0.30       | 6.67    | ppb   |
| Barium     | 137-1 | 0.27    | 0.29    | 0.24    | 0.27       | 8.78    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | 0.01    | 0.01       | 22.00   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 13.83   | 13.64   | 14.65   | 14.04      | 3.82    | ppb   |
| Boron      | 11-1  | 14.84   | 14.42   | 15.17   | 14.81      | 2.56    | ppb   |
| Cadmium    | 111-1 | -0.04   | 0.03    | 0.04    | 0.01       | 404.05  | ppb   |
| Cadmium    | 106-1 | -0.56   | 0.36    | 0.62    | 0.14       | 447.88  | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.04    | 0.06    | 0.05       | 29.22   | ppb   |
| Calcium    | 43-1  | 4550.87 | 4544.80 | 4573.00 | 4556.22    | 0.33    | ppb   |
| Calcium    | 44-1  | 4607.79 | 4644.91 | 4614.17 | 4622.29    | 0.43    | ppb   |
| Chromium   | 52-2  | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 3.68    | 3.59    | 3.41    | 3.56       | 3.79    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 2.84    | 2.64    | 2.39    | 2.62       | 8.59    | ppb   |
| Iron       | 57-2  | 7.86    | 8.04    | 7.39    | 7.76       | 4.33    | ppb   |
| Lead       | 206-1 | 0.07    | 0.08    | 0.07    | 0.07       | 2.96    | ppb   |
| Lead       | 207-1 | 0.07    | 0.07    | 0.07    | 0.07       | 2.29    | ppb   |
| Lead       | 208-1 | 0.07    | 0.07    | 0.07    | 0.07       | 1.52    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1182.43 | 1144.19 | 1098.75 | 1141.79    | 3.67    | ppb   |
| Manganese  | 55-2  | 0.77    | 0.80    | 0.73    | 0.77       | 4.55    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-02 Instrumnet Name : P7  
 Client Sample ID : DC24741-02-BS-H-W3-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:15:21 DataFile Name : 023SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.12     | 0.14     | 0.13     | 0.13       | 6.17    | ppb   |
| Molybdenum | 95-1  | 0.06     | 0.06     | 0.07     | 0.06       | 10.11   | ppb   |
| Molybdenum | 96-1  | 0.06     | 0.08     | 0.05     | 0.06       | 20.80   | ppb   |
| Molybdenum | 97-1  | 0.06     | 0.07     | 0.05     | 0.06       | 12.25   | ppb   |
| Molybdenum | 98-1  | 0.05     | 0.06     | 0.06     | 0.06       | 10.81   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.22     | 0.24     | 0.20     | 0.22       | 9.88    | ppb   |
| Phosphorus | 31-2  | 637.21   | 621.48   | 541.31   | 600.00     | 8.57    | ppb   |
| Potassium  | 39-2  | 561.24   | 547.62   | 524.35   | 544.40     | 3.43    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | 0.44     | -0.03      |         | ppb   |
| Selenium   | 78-2  | 0.28     | 0.14     | 0.39     | 0.27       | 47.33   | ppb   |
| Selenium   | 82-1  | 0.14     | 0.43     | 0.41     | 0.32       | 50.10   | ppb   |
| Silicon    | 28-1  | 2682.93  | 2680.31  | 2670.26  | 2677.84    | 0.25    | ppb   |
| Silver     | 109-1 | 0.10     | 0.11     | 0.10     | 0.11       | 5.36    | ppb   |
| Silver     | 107-1 | 0.10     | 0.11     | 0.10     | 0.10       | 4.71    | ppb   |
| Sodium     | 23-2  | 10946.60 | 10471.92 | 10211.62 | 10543.38   | 3.53    | ppb   |
| Strontium  | 86-1  | 7.03     | 6.99     | 7.06     | 7.03       | 0.52    | ppb   |
| Strontium  | 88-1  | 7.05     | 7.03     | 7.04     | 7.04       | 0.15    | ppb   |
| Sulfur     | 34-1  | -203.56  | -146.87  | -209.03  | -186.49    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 11.71   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 5.49    | ppb   |
| Tin        | 118-1 | -0.03    | -0.04    | -0.03    | -0.03      |         | ppb   |
| Titanium   | 47-1  | 1.08     | 1.20     | 1.12     | 1.13       | 5.30    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.16     | 0.16     | 0.14     | 0.15       | 5.83    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 2.45     | 2.44     | 2.46     | 2.45       | 0.59    | ppb   |
| Zirconium  | 90-1  | 0.16     | 0.17     | 0.16     | 0.16       | 2.85    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-02-BS-H-W3-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:15:21  | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.17    | 0.15    | 0.19    | 0.17       | 10.76   | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-03 Instrumnet Name : P7  
 Client Sample ID : DC24741-03-BS-CL107-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:18:46 DataFile Name : 024SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | 9.40    | 4.70    | 5.49    | 6.53       | 38.61    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.08    | 0.08       | 7.34     | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.28    | 0.23    | 0.25       | 10.63    | ppb   |
| Barium     | 135-1 | 16.59   | 17.23   | 16.62   | 16.81      | 2.13     | ppb   |
| Barium     | 137-1 | 16.65   | 17.00   | 16.73   | 16.79      | 1.07     | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.01    | 0.01       | 2.50     | ppb   |
| Bismuth    | 209-1 |         |         |         |            |          | %     |
| Bismuth    | 209-2 |         |         |         |            |          | %     |
| Boron      | 10-1  | 6.45    | 6.43    | 5.78    | 6.22       | 6.15     | ppb   |
| Boron      | 11-1  | 6.60    | 6.71    | 6.57    | 6.63       | 1.17     | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.02    | -0.04   | 0.00       | 22053.06 | ppb   |
| Cadmium    | 106-1 | 0.07    | 0.20    | -0.71   | -0.15      |          | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.04    | 0.06    | 0.05       | 28.20    | ppb   |
| Calcium    | 43-1  | 4848.62 | 4798.24 | 4781.08 | 4809.31    | 0.73     | ppb   |
| Calcium    | 44-1  | 4893.85 | 4822.06 | 4871.73 | 4862.55    | 0.76     | ppb   |
| Chromium   | 52-2  | -0.01   | -0.02   | -0.03   | -0.02      |          | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 44.93    | ppb   |
| Copper     | 63-2  | 251.83  | 251.94  | 253.02  | 252.26     | 0.26     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         |            |          | %     |
| Holmium    | 165-2 |         |         |         |            |          | %     |
| Indium     | 115-1 |         |         |         |            |          | %     |
| Indium     | 115-2 |         |         |         |            |          | %     |
| Iron       | 56-2  | 17.89   | 21.16   | 18.43   | 19.16      | 9.14     | ppb   |
| Iron       | 57-2  | 22.07   | 23.92   | 22.45   | 22.82      | 4.28     | ppb   |
| Lead       | 206-1 | 0.23    | 0.25    | 0.25    | 0.24       | 4.80     | ppb   |
| Lead       | 207-1 | 0.24    | 0.25    | 0.23    | 0.24       | 3.25     | ppb   |
| Lead       | 208-1 | 0.24    | 0.25    | 0.24    | 0.24       | 1.78     | ppb   |
| Lithium    | 6-1   |         |         |         |            |          | %     |
| Magnesium  | 24-2  | 1099.43 | 1100.78 | 1116.07 | 1105.43    | 0.84     | ppb   |
| Manganese  | 55-2  | 10.56   | 10.46   | 10.62   | 10.55      | 0.75     | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-03-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:18:46   | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.10    | 0.09    | 0.09    | 0.09       | 5.41    | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.03    | 0.03    | 0.04       | 33.78   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.05    | 0.05    | 0.05       | 7.96    | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.06    | 0.04    | 0.04       | 47.66   | ppb   |
| Molybdenum | 98-1  | 0.05    | 0.04    | 0.05    | 0.05       | 6.96    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.14    | 3.20    | 3.18    | 3.17       | 0.96    | ppb   |
| Phosphorus | 31-2  | 632.85  | 614.57  | 658.03  | 635.15     | 3.44    | ppb   |
| Potassium  | 39-2  | 483.93  | 486.90  | 482.62  | 484.48     | 0.45    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.21    | 0.21    | -0.03   | 0.13       | 103.81  | ppb   |
| Selenium   | 78-2  | 0.36    | 0.34    | 0.55    | 0.42       | 27.75   | ppb   |
| Selenium   | 82-1  | -0.06   | 0.21    | 0.38    | 0.17       | 127.63  | ppb   |
| Silicon    | 28-1  | 978.16  | 976.04  | 985.45  | 979.88     | 0.50    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 23.31   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 10.08   | ppb   |
| Sodium     | 23-2  | 9566.55 | 9670.05 | 9649.78 | 9628.79    | 0.57    | ppb   |
| Strontium  | 86-1  | 17.29   | 17.32   | 17.49   | 17.37      | 0.63    | ppb   |
| Strontium  | 88-1  | 17.44   | 17.54   | 17.38   | 17.45      | 0.48    | ppb   |
| Sulfur     | 34-1  | -241.73 | -291.52 | -240.54 | -257.93    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.02    | 0.01       | 25.62   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.01    | 0.01       | 14.41   | ppb   |
| Tin        | 118-1 | 0.00    | 0.00    | 0.01    | 0.01       | 100.88  | ppb   |
| Titanium   | 47-1  | 0.25    | 0.26    | 0.18    | 0.23       | 17.88   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 15.68   | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.05    | 0.04    | 0.04       | 3.97    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 27.85   | 28.03   | 28.27   | 28.05      | 0.74    | ppb   |
| Zirconium  | 90-1  | 0.12    | 0.12    | 0.11    | 0.12       | 5.34    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-03-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:18:46   | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.11    | 0.14    | 0.12    | 0.12       | 13.11   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-04 Instrumnet Name : P7  
 Client Sample ID : DC24741-04-BS-CL107-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:22:09 DataFile Name : 025SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 50.16   | 53.46   | 51.46   | 51.69      | 3.22    | ppb   |
| Antimony   | 121-1 | 0.09    | 0.08    | 0.08    | 0.08       | 2.15    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.31    | 0.29    | 0.28       | 11.43   | ppb   |
| Barium     | 135-1 | 15.82   | 16.04   | 16.21   | 16.02      | 1.23    | ppb   |
| Barium     | 137-1 | 15.95   | 16.36   | 16.21   | 16.17      | 1.29    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | 0.00    | 0.01       | 73.24   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.96    | 6.24    | 7.29    | 6.50       | 10.82   | ppb   |
| Boron      | 11-1  | 6.10    | 6.44    | 6.36    | 6.30       | 2.82    | ppb   |
| Cadmium    | 111-1 | 0.01    | 0.01    | 0.05    | 0.02       | 100.48  | ppb   |
| Cadmium    | 106-1 | -0.08   | 0.00    | 0.35    | 0.09       | 255.44  | ppb   |
| Cadmium    | 108-1 | 0.12    | 0.04    | 0.07    | 0.07       | 56.67   | ppb   |
| Calcium    | 43-1  | 4852.09 | 5217.55 | 5000.32 | 5023.32    | 3.66    | ppb   |
| Calcium    | 44-1  | 4918.49 | 5208.53 | 5051.08 | 5059.36    | 2.87    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.05    | 0.05    | 0.04       | 19.83   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.03    | 0.03       | 1.59    | ppb   |
| Copper     | 63-2  | 169.80  | 168.38  | 167.77  | 168.65     | 0.62    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 19.77   | 19.84   | 19.40   | 19.67      | 1.20    | ppb   |
| Iron       | 57-2  | 25.67   | 23.40   | 26.10   | 25.06      | 5.79    | ppb   |
| Lead       | 206-1 | 0.70    | 0.72    | 0.74    | 0.72       | 3.09    | ppb   |
| Lead       | 207-1 | 0.67    | 0.73    | 0.72    | 0.71       | 5.01    | ppb   |
| Lead       | 208-1 | 0.68    | 0.70    | 0.72    | 0.70       | 3.08    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1122.81 | 1125.88 | 1114.23 | 1120.97    | 0.54    | ppb   |
| Manganese  | 55-2  | 12.07   | 12.10   | 11.91   | 12.03      | 0.88    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-04-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:22:09   | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.07    | 0.07    | 0.09    | 0.07       | 15.22   | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.03    | 0.05    | 0.05       | 27.19   | ppb   |
| Molybdenum | 96-1  | 0.05    | 0.05    | 0.05    | 0.05       | 8.61    | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.06    | 0.06    | 0.05       | 45.59   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.04    | 0.05    | 0.05       | 14.49   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.85    | 2.87    | 2.80    | 2.84       | 1.29    | ppb   |
| Phosphorus | 31-2  | 646.02  | 636.00  | 639.97  | 640.67     | 0.79    | ppb   |
| Potassium  | 39-2  | 490.05  | 480.94  | 484.45  | 485.15     | 0.95    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02   | -0.27   | -0.03   | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.47    | 0.56    | 0.55    | 0.53       | 9.15    | ppb   |
| Selenium   | 82-1  | 0.47    | 0.33    | 0.21    | 0.34       | 39.35   | ppb   |
| Silicon    | 28-1  | 991.22  | 1073.14 | 1016.16 | 1026.84    | 4.09    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 31.13   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.01       | 32.84   | ppb   |
| Sodium     | 23-2  | 9629.97 | 9583.26 | 9548.37 | 9587.20    | 0.43    | ppb   |
| Strontium  | 86-1  | 17.41   | 17.63   | 17.21   | 17.42      | 1.23    | ppb   |
| Strontium  | 88-1  | 17.47   | 17.73   | 17.66   | 17.62      | 0.76    | ppb   |
| Sulfur     | 34-1  | -287.23 | 178.17  | 38.14   | -23.64     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 18.45   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.01    | 0.01       | 14.56   | ppb   |
| Tin        | 118-1 | 0.04    | 0.04    | 0.04    | 0.04       | 9.64    | ppb   |
| Titanium   | 47-1  | 0.34    | 0.21    | 0.26    | 0.27       | 25.78   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 20.51   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.05    | 0.05       | 3.90    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 72.77   | 73.28   | 71.93   | 72.66      | 0.94    | ppb   |
| Zirconium  | 90-1  | 0.08    | 0.09    | 0.12    | 0.10       | 18.12   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-04-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:22:09   | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.08    | 0.10    | 0.08       | 14.53   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-05 Instrumnet Name : P7  
 Client Sample ID : DC24741-05-BS-CL107-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:25:34 DataFile Name : 026SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.65    | 7.77    | 8.01    | 7.81       | 2.33    | ppb   |
| Antimony   | 121-1 | 0.12    | 0.13    | 0.12    | 0.12       | 3.92    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.32    | 0.23    | 0.28       | 17.93   | ppb   |
| Barium     | 135-1 | 16.87   | 17.32   | 16.85   | 17.01      | 1.56    | ppb   |
| Barium     | 137-1 | 16.72   | 17.32   | 16.79   | 16.94      | 1.93    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.01       | 45.28   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.40    | 5.65    | 6.24    | 5.76       | 7.44    | ppb   |
| Boron      | 11-1  | 5.94    | 6.19    | 5.96    | 6.03       | 2.30    | ppb   |
| Cadmium    | 111-1 | 0.01    | 0.02    | 0.00    | 0.01       | 141.73  | ppb   |
| Cadmium    | 106-1 | -0.01   | 0.09    | -0.18   | -0.03      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.01    | 0.02    | 0.02       | 60.16   | ppb   |
| Calcium    | 43-1  | 4775.39 | 5150.43 | 4808.35 | 4911.39    | 4.23    | ppb   |
| Calcium    | 44-1  | 4786.73 | 5137.83 | 4883.01 | 4935.86    | 3.68    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.03   | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.02    | 0.01       | 12.67   | ppb   |
| Copper     | 63-2  | 272.09  | 264.33  | 267.47  | 267.96     | 1.46    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 32.43   | 32.57   | 33.29   | 32.77      | 1.41    | ppb   |
| Iron       | 57-2  | 37.53   | 39.58   | 36.46   | 37.85      | 4.19    | ppb   |
| Lead       | 206-1 | 0.20    | 0.22    | 0.22    | 0.22       | 4.66    | ppb   |
| Lead       | 207-1 | 0.20    | 0.22    | 0.22    | 0.21       | 6.03    | ppb   |
| Lead       | 208-1 | 0.19    | 0.21    | 0.21    | 0.21       | 4.85    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1158.12 | 1114.90 | 1116.80 | 1129.94    | 2.16    | ppb   |
| Manganese  | 55-2  | 18.60   | 18.28   | 18.61   | 18.50      | 1.01    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-05-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:25:34   | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.07     | 0.07    | 0.07    | 0.07       | 2.76    | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.04    | 0.04    | 0.04       | 16.89   | ppb   |
| Molybdenum | 96-1  | 0.06     | 0.05    | 0.04    | 0.05       | 25.40   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.07    | 0.05    | 0.05       | 48.52   | ppb   |
| Molybdenum | 98-1  | 0.05     | 0.04    | 0.05    | 0.04       | 12.31   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.58     | 0.59    | 0.63    | 0.60       | 3.99    | ppb   |
| Phosphorus | 31-2  | 680.57   | 622.05  | 648.95  | 650.52     | 4.50    | ppb   |
| Potassium  | 39-2  | 505.79   | 480.80  | 489.40  | 492.00     | 2.58    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | 0.22     | -0.27   | -0.27   | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.27     | 0.12    | 0.32    | 0.24       | 43.35   | ppb   |
| Selenium   | 82-1  | 0.23     | -0.12   | 0.20    | 0.10       | 187.84  | ppb   |
| Silicon    | 28-1  | 969.89   | 1038.64 | 987.34  | 998.62     | 3.58    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01    | 0.01    | 0.01       | 51.85   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01    | 0.01    | 0.01       | 44.09   | ppb   |
| Sodium     | 23-2  | 10077.77 | 9797.79 | 9741.47 | 9872.34    | 1.82    | ppb   |
| Strontium  | 86-1  | 17.03    | 17.59   | 17.47   | 17.37      | 1.70    | ppb   |
| Strontium  | 88-1  | 17.33    | 17.83   | 17.58   | 17.58      | 1.41    | ppb   |
| Sulfur     | 34-1  | -194.69  | 203.36  | -185.81 | -59.05     |         | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02    | 0.02    | 0.02       | 2.86    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02    | 0.01    | 0.01       | 19.85   | ppb   |
| Tin        | 118-1 | 0.10     | 0.12    | 0.11    | 0.11       | 9.03    | ppb   |
| Titanium   | 47-1  | 0.36     | 0.36    | 0.29    | 0.34       | 11.47   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01    | 0.01    | 0.01       | 10.65   | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.06    | 0.05    | 0.05       | 17.00   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 24.67    | 23.79   | 23.59   | 24.02      | 2.39    | ppb   |
| Zirconium  | 90-1  | 0.09     | 0.09    | 0.09    | 0.09       | 4.47    | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-05-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:25:34   | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.08    | 0.09    | 0.11    | 0.09       | 15.04   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-06 Instrumnet Name : P7  
 Client Sample ID : DC24741-06-BS-CL107-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:28:57 DataFile Name : 027SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 50.33   | 49.46   | 48.50   | 49.43      | 1.85    | ppb   |
| Antimony   | 121-1 | 0.11    | 0.10    | 0.09    | 0.10       | 6.09    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.25    | 0.28    | 0.25       | 11.47   | ppb   |
| Barium     | 135-1 | 15.91   | 16.13   | 16.05   | 16.03      | 0.71    | ppb   |
| Barium     | 137-1 | 16.11   | 15.75   | 15.91   | 15.92      | 1.11    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.01    | 0.01       | 42.11   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.25    | 4.95    | 5.64    | 5.28       | 6.61    | ppb   |
| Boron      | 11-1  | 5.90    | 5.82    | 5.89    | 5.87       | 0.68    | ppb   |
| Cadmium    | 111-1 | 0.04    | 0.00    | -0.08   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.50    | -0.17   | -1.11   | -0.26      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.01    | 0.08    | 0.03       | 127.78  | ppb   |
| Calcium    | 43-1  | 4806.92 | 4840.36 | 4870.52 | 4839.27    | 0.66    | ppb   |
| Calcium    | 44-1  | 4854.93 | 4898.69 | 4879.63 | 4877.75    | 0.45    | ppb   |
| Chromium   | 52-2  | -0.02   | 0.02    | -0.04   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 5.66    | ppb   |
| Copper     | 63-2  | 257.39  | 257.51  | 257.74  | 257.55     | 0.07    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.10   | 23.37   | 23.70   | 23.39      | 1.28    | ppb   |
| Iron       | 57-2  | 28.58   | 31.70   | 26.43   | 28.90      | 9.16    | ppb   |
| Lead       | 206-1 | 0.18    | 0.18    | 0.18    | 0.18       | 2.00    | ppb   |
| Lead       | 207-1 | 0.17    | 0.17    | 0.17    | 0.17       | 0.89    | ppb   |
| Lead       | 208-1 | 0.17    | 0.18    | 0.17    | 0.18       | 3.55    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1112.10 | 1126.13 | 1107.68 | 1115.31    | 0.86    | ppb   |
| Manganese  | 55-2  | 13.65   | 13.80   | 13.70   | 13.71      | 0.56    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-06-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:28:57   | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.07    | 0.06    | 0.06    | 0.07       | 6.24    | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.04    | 0.04    | 0.03       | 13.62   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.03    | 0.04    | 0.04       | 12.86   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.04    | 0.05    | 0.04       | 16.01   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.05    | 0.04    | 0.04       | 17.27   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.33    | 0.35    | 0.34    | 0.34       | 2.81    | ppb   |
| Phosphorus | 31-2  | 607.96  | 638.91  | 669.65  | 638.84     | 4.83    | ppb   |
| Potassium  | 39-2  | 480.96  | 488.45  | 488.44  | 485.95     | 0.89    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.02   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.34    | 0.11    | 0.36    | 0.27       | 52.32   | ppb   |
| Selenium   | 82-1  | 0.38    | 0.61    | 0.23    | 0.41       | 47.25   | ppb   |
| Silicon    | 28-1  | 974.02  | 975.32  | 970.20  | 973.18     | 0.27    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 21.20   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.32   | ppb   |
| Sodium     | 23-2  | 9620.16 | 9743.73 | 9593.19 | 9652.36    | 0.83    | ppb   |
| Strontium  | 86-1  | 17.18   | 17.22   | 17.07   | 17.16      | 0.47    | ppb   |
| Strontium  | 88-1  | 17.46   | 17.39   | 17.42   | 17.43      | 0.21    | ppb   |
| Sulfur     | 34-1  | -92.84  | -27.29  | -40.13  | -53.42     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.02    | 0.02       | 34.62   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 18.30   | ppb   |
| Tin        | 118-1 | 0.07    | 0.08    | 0.07    | 0.07       | 3.37    | ppb   |
| Titanium   | 47-1  | 0.40    | 0.33    | 0.32    | 0.35       | 13.30   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.00    | 0.00       | 15.93   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.04    | 0.05    | 0.05       | 16.40   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 11.95   | 12.20   | 12.29   | 12.14      | 1.45    | ppb   |
| Zirconium  | 90-1  | 0.08    | 0.08    | 0.08    | 0.08       | 2.27    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-06-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:28:57   | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.08    | 0.09    | 0.08    | 0.08       | 7.57    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV66               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV66               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:32:20 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.44    | 2.05    | 3.30    | 2.60       | 24.67   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.03    | 0.03       | 1.69    | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.01    | 0.01    | 0.01       | 55.16   | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.01    | 0.01       | 57.75   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.07    | 2.35    | 1.75    | 2.05       | 14.63   | ppb   |
| Boron      | 11-1  | 2.38    | 2.23    | 2.29    | 2.30       | 3.34    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.23   | -0.40   | -0.34   | -0.32      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.04    | 0.00    | 0.02       | 115.06  | ppb   |
| Calcium    | 43-1  | 2.60    | 2.74    | 0.34    | 1.89       | 71.17   | ppb   |
| Calcium    | 44-1  | 4.42    | 5.20    | 5.72    | 5.11       | 12.80   | ppb   |
| Chromium   | 52-2  | 0.00    | 0.01    | 0.03    | 0.01       | 134.50  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 8334.23 | ppb   |
| Copper     | 63-2  | 0.06    | 0.05    | 0.05    | 0.05       | 10.87   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.77    | 0.68    | 0.75    | 0.74       | 6.35    | ppb   |
| Iron       | 57-2  | 0.54    | 0.64    | 0.24    | 0.47       | 43.45   | ppb   |
| Lead       | 206-1 | 517.13  | 518.31  | 516.19  | 517.21     | 0.21    | ppb   |
| Lead       | 207-1 | 502.42  | 509.67  | 499.39  | 503.83     | 1.05    | ppb   |
| Lead       | 208-1 | 512.34  | 518.02  | 509.15  | 513.17     | 0.88    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.10    | 0.17    | 0.08    | 0.12       | 39.30   | ppb   |
| Manganese  | 55-2  | 0.01    | 0.01    | 0.02    | 0.01       | 30.66   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV66               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV66               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:32:20 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|----------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | 0.01     | 0.01    | 0.02    | 0.01       | 32.31    | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.02    | 0.02    | 0.02       | 27.24    | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02    | 0.01    | 0.02       | 34.03    | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03    | 0.06    | 0.04       | 38.67    | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02    | 0.02    | 0.02       | 7.32     | ppb   |
| Neodymium  | 150-1 |          |         |         |            |          | cps   |
| Neodymium  | 150-2 |          |         |         |            |          | cps   |
| Nickel     | 60-2  | 0.00     | 0.02    | 0.01    | 0.01       | 59.29    | ppb   |
| Phosphorus | 31-2  | -2.67    | -9.62   | -7.49   | -6.59      |          | ppb   |
| Potassium  | 39-2  | 5.96     | 6.83    | 3.50    | 5.43       | 31.79    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |          | %     |
| Rhodium    | 103-2 |          |         |         |            |          | %     |
| Scandium   | 45-1  |          |         |         |            |          | %     |
| Scandium   | 45-2  |          |         |         |            |          | %     |
| Selenium   | 77-2  | -0.01    | -0.27   | -0.27   | -0.18      |          | ppb   |
| Selenium   | 78-2  | -0.13    | 0.38    | 0.43    | 0.23       | 137.89   | ppb   |
| Selenium   | 82-1  | 0.11     | 0.32    | 0.45    | 0.30       | 57.54    | ppb   |
| Silicon    | 28-1  | 0.14     | 1.88    | 1.55    | 1.19       | 77.73    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00    | 0.00    | 0.00       | 17.21    | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.01    | 0.01       | 30.06    | ppb   |
| Sodium     | 23-2  | 28.11    | 28.75   | 30.06   | 28.97      | 3.42     | ppb   |
| Strontium  | 86-1  | 0.02     | -0.02   | 0.04    | 0.01       | 210.57   | ppb   |
| Strontium  | 88-1  | -0.02    | -0.02   | -0.02   | -0.02      |          | ppb   |
| Sulfur     | 34-1  | -1043.27 | -998.39 | -965.12 | -1002.26   |          | ppb   |
| Terbium    | 159-1 |          |         |         |            |          | %     |
| Terbium    | 159-2 |          |         |         |            |          | %     |
| Thallium   | 203-1 | 0.02     | 0.02    | 0.02    | 0.02       | 17.74    | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02    | 0.02    | 0.02       | 5.33     | ppb   |
| Tin        | 118-1 | 0.00     | 0.00    | 0.00    | 0.00       | 77803.57 | ppb   |
| Titanium   | 47-1  | -0.01    | 0.03    | 0.04    | 0.02       | 133.90   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.00    | 0.00       |          | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.01    | 0.00    | 0.00       | 89.26    | ppb   |
| Yttrium    | 89-1  |          |         |         |            |          | %     |
| Yttrium    | 89-2  |          |         |         |            |          | %     |
| Zinc       | 66-2  | 0.23     | 0.30    | 0.26    | 0.26       | 13.55    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01    | 0.01    | 0.01       | 48.11    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV66               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV66               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:32:20 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.01       | 17.74   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB66               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB66               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:35:44 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.04    | -0.07   | 0.42    | 0.13       | 200.68  | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.03    | 0.03       | 8.37    | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | 0.01    | 0.01       | 125.19  | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.01    | 0.01       | 70.43   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.64    | 1.86    | 2.00    | 1.83       | 10.02   | ppb   |
| Boron      | 11-1  | 1.96    | 1.73    | 1.64    | 1.77       | 9.36    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.03   | 0.00    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.03    | -0.39   | 0.00    | -0.12      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.05    | -0.01   | 0.03       | 104.04  | ppb   |
| Calcium    | 43-1  | -1.72   | 1.98    | -1.62   | -0.45      |         | ppb   |
| Calcium    | 44-1  | 2.97    | 2.37    | 1.80    | 2.38       | 24.68   | ppb   |
| Chromium   | 52-2  | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.02    | 0.03    | 0.03       | 15.12   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.22    | 0.21    | 0.13    | 0.19       | 24.81   | ppb   |
| Iron       | 57-2  | -0.43   | 0.37    | 0.20    | 0.05       | 913.24  | ppb   |
| Lead       | 206-1 | 0.06    | 0.05    | 0.05    | 0.05       | 13.28   | ppb   |
| Lead       | 207-1 | 0.06    | 0.05    | 0.05    | 0.06       | 11.94   | ppb   |
| Lead       | 208-1 | 0.06    | 0.05    | 0.05    | 0.05       | 8.13    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.26    | 0.10    | 0.25    | 0.20       | 43.47   | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | 112.17  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB66               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB66               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:35:44 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00     | 0.01     | 0.00       | 190.57  | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01     | 0.00     | 0.00       | 101.87  | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01     | 0.00     | 0.01       | 14.61   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02     | 0.02     | 0.02       | 15.98   | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01     | 0.01     | 0.01       | 13.51   | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.01     | 0.01     | 0.00       | 677.77  | ppb   |
| Phosphorus | 31-2  | -4.48   | 1.36     | -3.96    | -2.36      |         | ppb   |
| Potassium  | 39-2  | 5.41    | 4.25     | 3.76     | 4.47       | 19.00   | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | 0.24    | -0.02    | -0.27    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.91    | 0.30     | 0.83     | 0.68       | 48.23   | ppb   |
| Selenium   | 82-1  | 0.23    | 0.18     | 0.06     | 0.16       | 54.43   | ppb   |
| Silicon    | 28-1  | 1.21    | 0.92     | 0.90     | 1.01       | 17.38   | ppb   |
| Silver     | 109-1 | 0.00    | 0.00     | 0.00     | 0.00       | 7.00    | ppb   |
| Silver     | 107-1 | 0.01    | 0.00     | 0.00     | 0.00       | 87.72   | ppb   |
| Sodium     | 23-2  | 25.42   | 25.06    | 26.62    | 25.70      | 3.19    | ppb   |
| Strontium  | 86-1  | -0.01   | 0.02     | 0.00     | 0.00       | 523.07  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00     | 0.00     | 0.00       | 266.49  | ppb   |
| Sulfur     | 34-1  | -980.62 | -1082.72 | -1041.92 | -1035.08   |         | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02     | 0.01     | 0.01       | 14.47   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01     | 0.01     | 0.01       | 20.46   | ppb   |
| Tin        | 118-1 | 0.02    | 0.03     | 0.03     | 0.03       | 26.59   | ppb   |
| Titanium   | 47-1  | 0.00    | -0.01    | -0.03    | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | -0.05   | -0.01    | -0.01    | -0.02      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00     | 0.01     | 0.00       | 13.44   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB66               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB66               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:35:44 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.01    | 0.00       | 158.49  | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-07-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:39:09   | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 92.17   | 94.87   | 90.05   | 92.36      | 2.62    | ppb   |
| Antimony   | 121-1 | 0.12    | 0.11    | 0.10    | 0.11       | 8.88    | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.27    | 0.25    | 0.24       | 12.21   | ppb   |
| Barium     | 135-1 | 15.08   | 14.69   | 15.14   | 14.97      | 1.64    | ppb   |
| Barium     | 137-1 | 14.93   | 15.09   | 15.12   | 15.05      | 0.66    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.00       | 131.96  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.09    | 5.14    | 5.65    | 5.29       | 5.88    | ppb   |
| Boron      | 11-1  | 5.24    | 5.31    | 5.11    | 5.22       | 1.97    | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.04   | -0.01   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.01    | -0.55   | -0.22   | -0.25      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.03    | 0.05    | 0.03       | 70.13   | ppb   |
| Calcium    | 43-1  | 4906.20 | 4893.46 | 4872.50 | 4890.72    | 0.35    | ppb   |
| Calcium    | 44-1  | 4948.27 | 4871.20 | 5019.95 | 4946.47    | 1.50    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.02    | 0.02    | 0.03       | 17.89   | ppb   |
| Copper     | 63-2  | 142.61  | 141.50  | 142.35  | 142.15     | 0.41    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 18.72   | 18.64   | 18.23   | 18.53      | 1.42    | ppb   |
| Iron       | 57-2  | 23.97   | 24.14   | 23.77   | 23.96      | 0.77    | ppb   |
| Lead       | 206-1 | 0.30    | 0.28    | 0.30    | 0.29       | 3.14    | ppb   |
| Lead       | 207-1 | 0.25    | 0.25    | 0.28    | 0.26       | 6.00    | ppb   |
| Lead       | 208-1 | 0.28    | 0.27    | 0.29    | 0.28       | 3.09    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1119.31 | 1112.64 | 1130.22 | 1120.72    | 0.79    | ppb   |
| Manganese  | 55-2  | 11.66   | 11.94   | 11.71   | 11.77      | 1.28    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-07-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:39:09   | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06    | 0.05    | 0.06    | 0.06       | 7.88    | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02    | 0.02    | 0.02       | 9.52    | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.04    | 0.04    | 0.03       | 8.31    | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.04    | 0.03    | 0.03       | 13.96   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.04    | 0.03       | 15.55   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.61    | 0.59    | 0.62    | 0.61       | 3.14    | ppb   |
| Phosphorus | 31-2  | 649.17  | 646.60  | 645.39  | 647.05     | 0.30    | ppb   |
| Potassium  | 39-2  | 509.79  | 515.90  | 518.21  | 514.64     | 0.85    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.21    | -0.03   | -0.27   | -0.03      |         | ppb   |
| Selenium   | 78-2  | 0.45    | 0.32    | 0.15    | 0.31       | 48.41   | ppb   |
| Selenium   | 82-1  | 0.49    | 0.39    | 0.02    | 0.30       | 82.22   | ppb   |
| Silicon    | 28-1  | 1009.41 | 996.16  | 1011.69 | 1005.75    | 0.83    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 30.34   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 52.77   | ppb   |
| Sodium     | 23-2  | 9662.20 | 9515.06 | 9621.32 | 9599.53    | 0.79    | ppb   |
| Strontium  | 86-1  | 16.93   | 16.97   | 16.91   | 16.93      | 0.17    | ppb   |
| Strontium  | 88-1  | 17.33   | 17.26   | 17.34   | 17.31      | 0.27    | ppb   |
| Sulfur     | 34-1  | 60.85   | 20.60   | 125.56  | 69.00      | 76.74   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.02    | 0.02       | 30.80   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.01    | 0.01       | 22.28   | ppb   |
| Tin        | 118-1 | 0.07    | 0.06    | 0.08    | 0.07       | 9.41    | ppb   |
| Titanium   | 47-1  | 0.23    | 0.29    | 0.35    | 0.29       | 21.39   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 15.00   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.06    | 0.06       | 11.39   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 34.99   | 34.45   | 34.49   | 34.64      | 0.88    | ppb   |
| Zirconium  | 90-1  | 0.09    | 0.08    | 0.07    | 0.08       | 10.78   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-07-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:39:09   | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.10    | 0.06    | 0.07    | 0.08       | 22.87   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-08 Instrumnet Name : P7  
 Client Sample ID : DC24741-08-BS-CL111-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:42:33 DataFile Name : 031SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 83.84   | 83.10   | 82.22   | 83.05      | 0.98    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.04    | 0.06    | 0.05       | 17.83   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.29    | 0.30    | 0.29       | 4.20    | ppb   |
| Barium     | 135-1 | 14.85   | 14.27   | 14.63   | 14.58      | 1.98    | ppb   |
| Barium     | 137-1 | 14.42   | 14.17   | 14.73   | 14.44      | 1.95    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.01    | 0.01       | 59.56   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.01    | 4.72    | 5.35    | 5.03       | 6.27    | ppb   |
| Boron      | 11-1  | 5.19    | 5.25    | 5.44    | 5.29       | 2.44    | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.03    | -0.04   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.39   | 0.34    | -0.53   | -0.19      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.02    | 0.05    | 0.04       | 40.86   | ppb   |
| Calcium    | 43-1  | 4932.78 | 4802.28 | 4774.88 | 4836.65    | 1.74    | ppb   |
| Calcium    | 44-1  | 4993.01 | 4913.06 | 4849.65 | 4918.57    | 1.46    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.03   | 0.00    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.02    | 0.03    | 0.02       | 11.39   | ppb   |
| Copper     | 63-2  | 191.93  | 193.44  | 192.07  | 192.48     | 0.43    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 18.23   | 18.77   | 19.90   | 18.97      | 4.50    | ppb   |
| Iron       | 57-2  | 22.57   | 24.51   | 23.06   | 23.38      | 4.32    | ppb   |
| Lead       | 206-1 | 0.22    | 0.20    | 0.20    | 0.21       | 4.34    | ppb   |
| Lead       | 207-1 | 0.21    | 0.21    | 0.19    | 0.20       | 5.79    | ppb   |
| Lead       | 208-1 | 0.20    | 0.20    | 0.20    | 0.20       | 1.74    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1139.57 | 1144.98 | 1137.81 | 1140.79    | 0.33    | ppb   |
| Manganese  | 55-2  | 11.12   | 11.27   | 11.24   | 11.21      | 0.72    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-08-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:42:33   | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06    | 0.05    | 0.05    | 0.05       | 9.77    | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.02    | 0.02    | 0.02       | 29.61   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.03    | 0.03    | 0.03       | 10.20   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.03    | 0.05    | 0.04       | 30.56   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.03    | 0.02    | 0.03       | 20.17   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.35    | 0.37    | 0.37    | 0.36       | 3.80    | ppb   |
| Phosphorus | 31-2  | 628.77  | 586.03  | 613.55  | 609.45     | 3.55    | ppb   |
| Potassium  | 39-2  | 489.99  | 489.73  | 488.75  | 489.49     | 0.13    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.03   | -0.03   | -0.11      |         | ppb   |
| Selenium   | 78-2  | 0.07    | -0.27   | 0.60    | 0.13       | 325.55  | ppb   |
| Selenium   | 82-1  | 0.42    | 0.39    | 0.39    | 0.40       | 4.06    | ppb   |
| Silicon    | 28-1  | 1010.54 | 981.77  | 956.73  | 983.01     | 2.74    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.01       | 20.66   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.00       | 62.51   | ppb   |
| Sodium     | 23-2  | 9762.77 | 9813.15 | 9778.96 | 9784.96    | 0.26    | ppb   |
| Strontium  | 86-1  | 17.05   | 17.08   | 16.96   | 17.03      | 0.39    | ppb   |
| Strontium  | 88-1  | 17.32   | 17.21   | 17.19   | 17.24      | 0.41    | ppb   |
| Sulfur     | 34-1  | 120.05  | -5.83   | -80.74  | 11.16      | 909.25  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.77   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 10.37   | ppb   |
| Tin        | 118-1 | 0.01    | 0.03    | 0.02    | 0.02       | 33.57   | ppb   |
| Titanium   | 47-1  | 0.22    | 0.29    | 0.21    | 0.24       | 17.65   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 29.95   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.07    | 0.06       | 12.29   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 14.80   | 14.90   | 14.79   | 14.83      | 0.38    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.07    | 0.05    | 0.06       | 10.61   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-08-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:42:33   | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.06    | 0.07    | 0.06       | 7.01    | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-09 Instrumnet Name : P7  
 Client Sample ID : DC24741-09-BS-CL111-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:45:56 DataFile Name : 032SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 81.96   | 81.49   | 80.83   | 81.43      | 0.69    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.06    | 0.07       | 7.40    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.28    | 0.29    | 0.28       | 5.15    | ppb   |
| Barium     | 135-1 | 16.06   | 16.25   | 15.90   | 16.07      | 1.11    | ppb   |
| Barium     | 137-1 | 16.05   | 16.23   | 16.07   | 16.12      | 0.59    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.00    | 0.01       | 51.93   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.90    | 5.33    | 4.86    | 5.03       | 5.21    | ppb   |
| Boron      | 11-1  | 5.07    | 5.32    | 5.28    | 5.22       | 2.57    | ppb   |
| Cadmium    | 111-1 | -0.08   | 0.00    | 0.02    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -1.20   | -0.22   | -0.15   | -0.53      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.15    | 0.09    | 0.10       | 43.12   | ppb   |
| Calcium    | 43-1  | 4985.80 | 4909.06 | 4908.97 | 4934.61    | 0.90    | ppb   |
| Calcium    | 44-1  | 4988.44 | 5017.90 | 5016.12 | 5007.49    | 0.33    | ppb   |
| Chromium   | 52-2  | 0.10    | 0.10    | 0.09    | 0.10       | 3.68    | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.04    | 0.04    | 0.04       | 3.02    | ppb   |
| Copper     | 63-2  | 104.87  | 104.02  | 103.70  | 104.20     | 0.58    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 20.81   | 19.31   | 20.85   | 20.32      | 4.32    | ppb   |
| Iron       | 57-2  | 24.48   | 23.93   | 25.96   | 24.79      | 4.24    | ppb   |
| Lead       | 206-1 | 0.67    | 0.71    | 0.75    | 0.71       | 5.55    | ppb   |
| Lead       | 207-1 | 0.67    | 0.62    | 0.68    | 0.65       | 4.84    | ppb   |
| Lead       | 208-1 | 0.68    | 0.67    | 0.70    | 0.68       | 1.73    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1127.64 | 1130.73 | 1131.61 | 1129.99    | 0.18    | ppb   |
| Manganese  | 55-2  | 12.54   | 12.42   | 12.72   | 12.56      | 1.21    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-09-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:45:56   | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06    | 0.05    | 0.05    | 0.05       | 5.19    | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02    | 0.02    | 0.02       | 16.79   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.03    | 0.02    | 0.03       | 18.21   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.03    | 0.02       | 33.72   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.02    | 0.03    | 0.03       | 20.74   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.20    | 4.24    | 4.32    | 4.25       | 1.47    | ppb   |
| Phosphorus | 31-2  | 593.92  | 657.74  | 616.31  | 622.65     | 5.20    | ppb   |
| Potassium  | 39-2  | 569.22  | 562.54  | 565.25  | 565.67     | 0.59    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | -0.27   | -0.27      |         | ppb   |
| Selenium   | 78-2  | 0.92    | 0.05    | 0.38    | 0.45       | 97.31   | ppb   |
| Selenium   | 82-1  | 0.56    | 0.23    | 0.83    | 0.54       | 55.83   | ppb   |
| Silicon    | 28-1  | 982.10  | 982.30  | 1002.69 | 989.03     | 1.20    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 31.97   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 34.74   | ppb   |
| Sodium     | 23-2  | 9794.03 | 9637.65 | 9704.00 | 9711.89    | 0.81    | ppb   |
| Strontium  | 86-1  | 16.83   | 17.44   | 17.71   | 17.33      | 2.60    | ppb   |
| Strontium  | 88-1  | 17.51   | 17.72   | 17.78   | 17.67      | 0.80    | ppb   |
| Sulfur     | 34-1  | 9.63    | 47.74   | 64.61   | 40.66      | 69.27   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.01    | 0.02       | 22.12   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.52    | ppb   |
| Tin        | 118-1 | 1.07    | 1.13    | 1.09    | 1.09       | 2.54    | ppb   |
| Titanium   | 47-1  | 0.33    | 1.03    | 0.30    | 0.55       | 74.48   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 37.74   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05    | 0.06    | 0.05       | 14.06   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 94.01   | 92.53   | 92.93   | 93.15      | 0.82    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.06    | 0.06    | 0.06       | 7.13    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-09-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:45:56   | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.08    | 0.07    | 0.07    | 0.07       | 4.56    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-10 Instrumnet Name : P7  
 Client Sample ID : DC24741-10-BS-CL111-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:49:20 DataFile Name : 033SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 81.42   | 82.97   | 84.19   | 82.86      | 1.68    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 0.89    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.32    | 0.25    | 0.29       | 11.81   | ppb   |
| Barium     | 135-1 | 14.06   | 13.98   | 13.81   | 13.95      | 0.90    | ppb   |
| Barium     | 137-1 | 13.96   | 14.42   | 14.04   | 14.14      | 1.73    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 169.75  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.15    | 5.17    | 5.72    | 5.35       | 6.03    | ppb   |
| Boron      | 11-1  | 5.11    | 5.06    | 5.20    | 5.12       | 1.43    | ppb   |
| Cadmium    | 111-1 | -0.05   | 0.02    | -0.03   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.81   | 0.17    | -0.51   | -0.38      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.06    | 0.05    | 0.05       | 28.14   | ppb   |
| Calcium    | 43-1  | 4827.63 | 4869.32 | 4946.03 | 4881.00    | 1.23    | ppb   |
| Calcium    | 44-1  | 4918.76 | 4929.16 | 4969.39 | 4939.10    | 0.54    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.05   | -0.03   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 11.04   | ppb   |
| Copper     | 63-2  | 200.37  | 199.01  | 200.59  | 199.99     | 0.43    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 17.04   | 16.90   | 18.25   | 17.40      | 4.25    | ppb   |
| Iron       | 57-2  | 24.70   | 20.47   | 23.20   | 22.79      | 9.42    | ppb   |
| Lead       | 206-1 | 0.21    | 0.23    | 0.25    | 0.23       | 8.38    | ppb   |
| Lead       | 207-1 | 0.21    | 0.24    | 0.22    | 0.22       | 5.65    | ppb   |
| Lead       | 208-1 | 0.22    | 0.23    | 0.24    | 0.23       | 5.95    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1137.84 | 1132.08 | 1131.79 | 1133.90    | 0.30    | ppb   |
| Manganese  | 55-2  | 9.77    | 9.73    | 9.95    | 9.82       | 1.15    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-10-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:49:20   | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.05    | 0.06    | 0.05       | 10.64   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.02    | 0.02    | 0.02       | 6.60    | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.04    | 0.02    | 0.03       | 29.90   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.05    | 0.03    | 0.03       | 31.88   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.03    | 0.03    | 0.03       | 12.76   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.47    | 0.45    | 0.52    | 0.48       | 7.58    | ppb   |
| Phosphorus | 31-2  | 600.21  | 618.22  | 595.80  | 604.74     | 1.96    | ppb   |
| Potassium  | 39-2  | 481.92  | 475.36  | 486.70  | 481.33     | 1.18    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02   | -0.03   | 0.45    | 0.13       | 207.13  | ppb   |
| Selenium   | 78-2  | 0.57    | 0.62    | 0.08    | 0.42       | 70.55   | ppb   |
| Selenium   | 82-1  | 0.33    | 0.58    | 0.87    | 0.59       | 45.02   | ppb   |
| Silicon    | 28-1  | 986.29  | 983.73  | 997.91  | 989.31     | 0.76    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 57.01   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 79.21   | ppb   |
| Sodium     | 23-2  | 9684.38 | 9683.77 | 9769.38 | 9712.51    | 0.51    | ppb   |
| Strontium  | 86-1  | 16.95   | 16.71   | 17.01   | 16.89      | 0.95    | ppb   |
| Strontium  | 88-1  | 16.86   | 17.00   | 17.06   | 16.97      | 0.61    | ppb   |
| Sulfur     | 34-1  | 17.48   | 106.55  | 38.44   | 54.16      | 85.99   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.02    | 0.02       | 22.24   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.01    | 0.01       | 21.23   | ppb   |
| Tin        | 118-1 | 0.05    | 0.04    | 0.02    | 0.04       | 33.05   | ppb   |
| Titanium   | 47-1  | 0.20    | 0.32    | 0.25    | 0.26       | 23.15   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 37.37   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.06    | 0.06       | 7.82    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 17.25   | 16.84   | 17.48   | 17.19      | 1.87    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.17    | 0.06    | 0.09       | 69.89   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-10-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:49:20   | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.07    | 0.06       | 14.31   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-11 Instrumnet Name : P7  
 Client Sample ID : DC24741-11-BS-CLMUS Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:52:44 DataFile Name : 034SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.23    | 4.18    | 5.22    | 4.88       | 12.28   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.06    | 0.06       | 3.23    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.23    | 0.23    | 0.23       | 0.82    | ppb   |
| Barium     | 135-1 | 15.70   | 15.36   | 15.30   | 15.45      | 1.39    | ppb   |
| Barium     | 137-1 | 15.63   | 15.62   | 15.23   | 15.49      | 1.47    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.01    | 0.01       | 25.14   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.99    | 5.03    | 4.86    | 4.96       | 1.80    | ppb   |
| Boron      | 11-1  | 5.08    | 5.19    | 5.05    | 5.11       | 1.46    | ppb   |
| Cadmium    | 111-1 | 0.16    | 0.10    | 0.12    | 0.13       | 25.29   | ppb   |
| Cadmium    | 106-1 | 0.01    | -0.55   | -0.43   | -0.32      |         | ppb   |
| Cadmium    | 108-1 | 0.16    | 0.26    | 0.28    | 0.23       | 27.80   | ppb   |
| Calcium    | 43-1  | 4848.69 | 4841.32 | 4846.65 | 4845.55    | 0.08    | ppb   |
| Calcium    | 44-1  | 4914.00 | 4921.18 | 4905.44 | 4913.54    | 0.16    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.03    | 0.03    | 0.04       | 13.79   | ppb   |
| Copper     | 63-2  | 300.50  | 300.64  | 303.88  | 301.67     | 0.63    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 19.53   | 19.73   | 20.71   | 19.99      | 3.16    | ppb   |
| Iron       | 57-2  | 25.88   | 23.85   | 26.94   | 25.56      | 6.15    | ppb   |
| Lead       | 206-1 | 2.07    | 2.10    | 2.09    | 2.09       | 0.91    | ppb   |
| Lead       | 207-1 | 1.93    | 1.95    | 1.89    | 1.93       | 1.55    | ppb   |
| Lead       | 208-1 | 1.99    | 1.99    | 2.00    | 1.99       | 0.32    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1109.81 | 1126.83 | 1120.03 | 1118.89    | 0.77    | ppb   |
| Manganese  | 55-2  | 11.11   | 11.61   | 11.47   | 11.40      | 2.26    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-11-BS-CLMUS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:52:44 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.04    | 0.04    | 0.04       | 15.42   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03    | 0.02    | 0.03       | 13.62   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.02    | 0.03    | 0.03       | 6.93    | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.04    | 0.05    | 0.04       | 7.47    | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.04    | 0.03       | 12.26   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 9.39    | 9.50    | 9.53    | 9.47       | 0.74    | ppb   |
| Phosphorus | 31-2  | 558.81  | 549.10  | 538.25  | 548.72     | 1.87    | ppb   |
| Potassium  | 39-2  | 463.06  | 468.58  | 469.82  | 467.15     | 0.77    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.03   | -0.27   | -0.03   | -0.11      |         | ppb   |
| Selenium   | 78-2  | 0.41    | -0.11   | 0.01    | 0.10       | 263.87  | ppb   |
| Selenium   | 82-1  | 0.51    | 0.21    | 0.38    | 0.37       | 41.74   | ppb   |
| Silicon    | 28-1  | 998.90  | 1000.65 | 1003.17 | 1000.90    | 0.21    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.01       | 30.75   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.01       | 49.27   | ppb   |
| Sodium     | 23-2  | 9832.00 | 9868.14 | 9904.13 | 9868.09    | 0.37    | ppb   |
| Strontium  | 86-1  | 16.75   | 17.14   | 17.10   | 17.00      | 1.28    | ppb   |
| Strontium  | 88-1  | 17.19   | 17.25   | 17.30   | 17.24      | 0.32    | ppb   |
| Sulfur     | 34-1  | 126.86  | 86.36   | 60.80   | 91.34      | 36.47   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.02    | 0.02       | 18.68   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 18.86   | ppb   |
| Tin        | 118-1 | 0.33    | 0.37    | 0.37    | 0.35       | 7.02    | ppb   |
| Titanium   | 47-1  | 0.29    | 0.31    | 0.29    | 0.30       | 3.62    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 23.31   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.08    | 0.05    | 0.06       | 32.94   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 331.87  | 339.63  | 336.49  | 336.00     | 1.16    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.04    | 0.05    | 0.05       | 14.26   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-11-BS-CLMUS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:52:44 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.04    | 0.06    | 0.05       | 17.55   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-12 Instrumnet Name : P7  
 Client Sample ID : DC24741-12-BS-CLMUS Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:56:08 DataFile Name : 035SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.54    | 8.53    | 7.06    | 7.38       | 13.94   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.04    | 0.05       | 7.92    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.28    | 0.27    | 0.28       | 3.92    | ppb   |
| Barium     | 135-1 | 15.70   | 15.60   | 15.93   | 15.74      | 1.07    | ppb   |
| Barium     | 137-1 | 16.06   | 15.98   | 16.10   | 16.05      | 0.41    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 186.75  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.02    | 4.70    | 4.68    | 4.80       | 3.90    | ppb   |
| Boron      | 11-1  | 4.72    | 5.10    | 5.21    | 5.01       | 5.14    | ppb   |
| Cadmium    | 111-1 | -0.01   | 0.03    | -0.01   | 0.00       | 783.80  | ppb   |
| Cadmium    | 106-1 | -0.26   | 0.30    | -0.28   | -0.08      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.06    | -0.02   | 0.02       | 190.97  | ppb   |
| Calcium    | 43-1  | 4785.54 | 4829.05 | 4806.48 | 4807.02    | 0.45    | ppb   |
| Calcium    | 44-1  | 4855.83 | 4883.49 | 4877.19 | 4872.17    | 0.30    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.00    | -0.01   | 0.01       | 205.73  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 30.14   | ppb   |
| Copper     | 63-2  | 44.67   | 44.07   | 44.44   | 44.39      | 0.68    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 24.36   | 25.04   | 24.05   | 24.48      | 2.07    | ppb   |
| Iron       | 57-2  | 30.01   | 30.03   | 31.20   | 30.41      | 2.23    | ppb   |
| Lead       | 206-1 | 0.17    | 0.16    | 0.17    | 0.17       | 2.67    | ppb   |
| Lead       | 207-1 | 0.16    | 0.15    | 0.17    | 0.16       | 7.86    | ppb   |
| Lead       | 208-1 | 0.16    | 0.16    | 0.17    | 0.16       | 2.70    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1103.79 | 1103.85 | 1106.55 | 1104.73    | 0.14    | ppb   |
| Manganese  | 55-2  | 14.34   | 14.22   | 13.97   | 14.18      | 1.36    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-12-BS-CLMUS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:56:08 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05     | 0.05    | 0.04    | 0.05       | 6.73    | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.02    | 0.03    | 0.02       | 22.92   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.02    | 0.03    | 0.03       | 16.27   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03    | 0.03    | 0.03       | 7.23    | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02    | 0.04    | 0.03       | 24.10   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.35     | 0.31    | 0.35    | 0.34       | 6.39    | ppb   |
| Phosphorus | 31-2  | 660.44   | 671.52  | 643.76  | 658.57     | 2.12    | ppb   |
| Potassium  | 39-2  | 489.24   | 475.19  | 482.16  | 482.20     | 1.46    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27   | -0.02   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.56     | -0.25   | 0.19    | 0.17       | 241.03  | ppb   |
| Selenium   | 82-1  | 0.16     | 0.43    | 0.59    | 0.39       | 56.08   | ppb   |
| Silicon    | 28-1  | 987.16   | 982.94  | 1007.93 | 992.68     | 1.35    | ppb   |
| Silver     | 109-1 | 0.01     | 0.00    | 0.00    | 0.00       | 67.63   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00    | 0.00    | 0.00       | 87.84   | ppb   |
| Sodium     | 23-2  | 10003.27 | 9937.19 | 9906.64 | 9949.03    | 0.50    | ppb   |
| Strontium  | 86-1  | 17.14    | 17.37   | 17.37   | 17.29      | 0.76    | ppb   |
| Strontium  | 88-1  | 17.28    | 17.39   | 17.32   | 17.33      | 0.32    | ppb   |
| Sulfur     | 34-1  | 78.07    | 100.81  | 232.09  | 136.99     | 60.69   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01    | 0.02    | 0.01       | 32.90   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02    | 0.01    | 0.01       | 13.02   | ppb   |
| Tin        | 118-1 | 0.01     | 0.02    | 0.02    | 0.02       | 60.08   | ppb   |
| Titanium   | 47-1  | 0.31     | 0.40    | 0.36    | 0.36       | 12.92   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01    | 0.01    | 0.01       | 25.09   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06    | 0.06    | 0.05       | 11.74   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 17.18    | 16.68   | 16.89   | 16.91      | 1.48    | ppb   |
| Zirconium  | 90-1  | 0.07     | 0.06    | 0.05    | 0.06       | 16.30   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-12-BS-CLMUS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:56:08 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.06    | 0.06    | 0.06       | 3.03    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-13 Instrumnet Name : P7  
 Client Sample ID : DC24741-13-BS-H-W3-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:59:32 DataFile Name : 036SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 36.43   | 37.93   | 38.95   | 37.77      | 3.36    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.07    | 0.06       | 3.27    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.25    | 0.31    | 0.29       | 11.22   | ppb   |
| Barium     | 135-1 | 15.97   | 16.70   | 16.45   | 16.38      | 2.25    | ppb   |
| Barium     | 137-1 | 16.42   | 16.49   | 16.35   | 16.42      | 0.42    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.01       | 22.26   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.99    | 4.96    | 4.27    | 4.74       | 8.65    | ppb   |
| Boron      | 11-1  | 5.00    | 5.35    | 5.03    | 5.13       | 3.75    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.03    | 0.01    | 0.02       | 55.63   | ppb   |
| Cadmium    | 106-1 | 0.03    | 0.04    | -0.20   | -0.04      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.08    | 0.08    | 0.07       | 11.84   | ppb   |
| Calcium    | 43-1  | 5202.07 | 5259.49 | 5185.46 | 5215.68    | 0.74    | ppb   |
| Calcium    | 44-1  | 5309.19 | 5303.72 | 5308.68 | 5307.20    | 0.06    | ppb   |
| Chromium   | 52-2  | 0.82    | 0.84    | 0.84    | 0.83       | 1.64    | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.03    | 0.03       | 7.57    | ppb   |
| Copper     | 63-2  | 346.55  | 346.91  | 346.99  | 346.81     | 0.07    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 31.64   | 38.82   | 36.48   | 35.64      | 10.27   | ppb   |
| Iron       | 57-2  | 37.26   | 39.28   | 35.03   | 37.19      | 5.72    | ppb   |
| Lead       | 206-1 | 0.53    | 0.52    | 0.49    | 0.51       | 4.53    | ppb   |
| Lead       | 207-1 | 0.46    | 0.48    | 0.45    | 0.47       | 3.58    | ppb   |
| Lead       | 208-1 | 0.50    | 0.50    | 0.49    | 0.50       | 1.85    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1143.84 | 1140.19 | 1135.41 | 1139.81    | 0.37    | ppb   |
| Manganese  | 55-2  | 14.60   | 14.57   | 14.54   | 14.57      | 0.20    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-13-BS-H-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:59:32  | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06    | 0.06    | 0.03    | 0.05       | 29.82   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.04    | 0.04    | 0.04       | 1.57    | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.04    | 0.03    | 0.03       | 23.68   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.03    | 0.05    | 0.04       | 25.75   | ppb   |
| Molybdenum | 98-1  | 0.05    | 0.04    | 0.05    | 0.04       | 15.40   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.09    | 1.99    | 1.92    | 2.00       | 4.21    | ppb   |
| Phosphorus | 31-2  | 617.55  | 627.85  | 623.99  | 623.13     | 0.84    | ppb   |
| Potassium  | 39-2  | 484.40  | 490.82  | 483.04  | 486.08     | 0.85    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | -0.27   | -0.27      |         | ppb   |
| Selenium   | 78-2  | -0.01   | 0.10    | -0.07   | 0.01       | 992.70  | ppb   |
| Selenium   | 82-1  | 0.20    | 0.09    | 0.25    | 0.18       | 44.21   | ppb   |
| Silicon    | 28-1  | 1059.54 | 1061.20 | 1070.02 | 1063.59    | 0.53    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 47.72   | ppb   |
| Silver     | 107-1 | 0.00    | 0.02    | 0.01    | 0.01       | 94.07   | ppb   |
| Sodium     | 23-2  | 9941.04 | 9855.77 | 9868.14 | 9888.32    | 0.47    | ppb   |
| Strontium  | 86-1  | 17.75   | 17.84   | 17.44   | 17.68      | 1.20    | ppb   |
| Strontium  | 88-1  | 17.85   | 18.00   | 17.73   | 17.86      | 0.76    | ppb   |
| Sulfur     | 34-1  | -19.19  | 150.12  | 185.00  | 105.31     | 103.71  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.03    | 0.02    | 0.01    | 0.02       | 29.17   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.88   | ppb   |
| Tin        | 118-1 | -0.02   | -0.05   | -0.04   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.34    | 0.40    | 0.42    | 0.39       | 10.55   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 84.30   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.06    | 0.06       | 2.61    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 205.10  | 205.84  | 204.73  | 205.22     | 0.28    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.05    | 0.05    | 0.05       | 6.90    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-13-BS-H-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:59:32  | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.07    | 0.03    | 0.05       | 49.43   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-14 Instrumnet Name : P7  
 Client Sample ID : DC24741-14-BS-H-W3-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:02:56 DataFile Name : 037SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.82   | 19.05   | 16.81   | 17.89      | 6.27    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 2.85    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.32    | 0.22    | 0.27       | 18.53   | ppb   |
| Barium     | 135-1 | 16.10   | 16.01   | 16.62   | 16.24      | 2.04    | ppb   |
| Barium     | 137-1 | 16.06   | 15.95   | 15.85   | 15.95      | 0.67    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 258.35  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.25    | 4.34    | 4.85    | 4.81       | 9.45    | ppb   |
| Boron      | 11-1  | 4.70    | 4.57    | 4.97    | 4.75       | 4.36    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.38   | -0.60   | -0.72   | -0.57      |         | ppb   |
| Cadmium    | 108-1 | 0.26    | 0.15    | 0.06    | 0.16       | 62.61   | ppb   |
| Calcium    | 43-1  | 4872.18 | 4879.09 | 4796.94 | 4849.41    | 0.94    | ppb   |
| Calcium    | 44-1  | 4910.81 | 4954.82 | 4880.44 | 4915.36    | 0.76    | ppb   |
| Chromium   | 52-2  | 0.33    | 0.37    | 0.33    | 0.34       | 6.36    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 10.37   | ppb   |
| Copper     | 63-2  | 329.67  | 331.02  | 330.48  | 330.39     | 0.21    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 34.18   | 33.47   | 34.41   | 34.02      | 1.45    | ppb   |
| Iron       | 57-2  | 38.71   | 39.91   | 36.38   | 38.33      | 4.68    | ppb   |
| Lead       | 206-1 | 0.52    | 0.49    | 0.51    | 0.51       | 2.99    | ppb   |
| Lead       | 207-1 | 0.46    | 0.48    | 0.47    | 0.47       | 2.59    | ppb   |
| Lead       | 208-1 | 0.49    | 0.49    | 0.50    | 0.49       | 0.33    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1127.88 | 1119.61 | 1114.33 | 1120.61    | 0.61    | ppb   |
| Manganese  | 55-2  | 16.92   | 17.14   | 16.87   | 16.98      | 0.84    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-14-BS-H-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:02:56  | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.05    | 0.04    | 0.04       | 27.52   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.02    | 0.02    | 0.02       | 33.60   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.02    | 0.04    | 0.03       | 22.62   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.05    | 0.03    | 0.04       | 31.70   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.02    | 0.03    | 0.03       | 12.41   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.60    | 1.54    | 1.48    | 1.54       | 3.93    | ppb   |
| Phosphorus | 31-2  | 652.28  | 591.88  | 628.13  | 624.09     | 4.87    | ppb   |
| Potassium  | 39-2  | 482.99  | 483.08  | 488.39  | 484.82     | 0.64    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02   | -0.27   | 0.22    | -0.02      |         | ppb   |
| Selenium   | 78-2  | -0.21   | 0.02    | -0.11   | -0.10      |         | ppb   |
| Selenium   | 82-1  | 0.14    | 0.03    | 0.12    | 0.10       | 58.82   | ppb   |
| Silicon    | 28-1  | 1042.10 | 1056.78 | 1040.25 | 1046.38    | 0.87    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.01       | 49.84   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 54.87   | ppb   |
| Sodium     | 23-2  | 9840.28 | 9871.31 | 9811.22 | 9840.94    | 0.31    | ppb   |
| Strontium  | 86-1  | 16.84   | 17.04   | 17.15   | 17.01      | 0.92    | ppb   |
| Strontium  | 88-1  | 17.19   | 17.31   | 17.33   | 17.28      | 0.45    | ppb   |
| Sulfur     | 34-1  | 59.32   | 166.84  | 101.53  | 109.23     | 49.60   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 20.49   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.02    | 0.02       | 18.69   | ppb   |
| Tin        | 118-1 | -0.06   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.32    | 0.34    | 0.37    | 0.34       | 6.83    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.01    | 0.00       | 40.65   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.07    | 0.05    | 0.06       | 16.48   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 207.88  | 208.70  | 207.17  | 207.92     | 0.37    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.04    | 0.05    | 0.05       | 15.99   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-14-BS-H-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:02:56  | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.05    | 0.04    | 0.04       | 12.64   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-15              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-15-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:06:21   | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 61.86   | 63.97   | 60.90   | 62.24      | 2.52    | ppb   |
| Antimony   | 121-1 | 0.10    | 0.11    | 0.09    | 0.10       | 8.19    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.23    | 0.25    | 0.26       | 10.46   | ppb   |
| Barium     | 135-1 | 14.99   | 15.23   | 15.20   | 15.14      | 0.85    | ppb   |
| Barium     | 137-1 | 15.75   | 15.20   | 15.38   | 15.44      | 1.84    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.01    | 0.01       | 39.10   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.66    | 4.46    | 4.83    | 4.65       | 3.89    | ppb   |
| Boron      | 11-1  | 4.67    | 4.53    | 5.00    | 4.73       | 5.04    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.03   | -0.31   | -0.26   | -0.20      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.04    | 0.01    | 0.05       | 100.37  | ppb   |
| Calcium    | 43-1  | 4926.60 | 4955.50 | 4787.26 | 4889.79    | 1.84    | ppb   |
| Calcium    | 44-1  | 4946.77 | 4964.54 | 4916.54 | 4942.62    | 0.49    | ppb   |
| Chromium   | 52-2  | 0.07    | 0.07    | 0.09    | 0.08       | 19.75   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.03    | 0.02    | 0.02       | 11.80   | ppb   |
| Copper     | 63-2  | 100.31  | 101.45  | 100.09  | 100.62     | 0.72    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.85   | 22.02   | 23.80   | 22.89      | 3.89    | ppb   |
| Iron       | 57-2  | 25.80   | 27.75   | 30.54   | 28.03      | 8.49    | ppb   |
| Lead       | 206-1 | 0.45    | 0.43    | 0.44    | 0.44       | 2.05    | ppb   |
| Lead       | 207-1 | 0.41    | 0.39    | 0.44    | 0.41       | 5.44    | ppb   |
| Lead       | 208-1 | 0.42    | 0.42    | 0.42    | 0.42       | 0.36    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1125.34 | 1129.66 | 1123.51 | 1126.17    | 0.28    | ppb   |
| Manganese  | 55-2  | 12.20   | 12.11   | 12.32   | 12.21      | 0.83    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-15 Instrumnet Name : P7  
 Client Sample ID : DC24741-15-BS-CL108-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:06:21 DataFile Name : 038SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.02    | 0.03       | 14.69   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.01    | 0.02    | 0.02       | 37.87   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.02    | 0.02       | 11.56   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.02    | 0.02    | 0.02       | 22.28   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.03    | 0.03    | 0.03       | 25.98   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.30    | 1.34    | 1.31    | 1.32       | 1.22    | ppb   |
| Phosphorus | 31-2  | 603.93  | 638.01  | 595.64  | 612.53     | 3.67    | ppb   |
| Potassium  | 39-2  | 638.86  | 650.96  | 645.58  | 645.13     | 0.94    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02   | -0.27   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.23    | 0.06    | 0.30    | 0.20       | 61.60   | ppb   |
| Selenium   | 82-1  | 0.55    | 0.65    | 0.18    | 0.46       | 53.36   | ppb   |
| Silicon    | 28-1  | 992.20  | 1011.19 | 974.69  | 992.69     | 1.84    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.01       | 80.82   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 68.05   | ppb   |
| Sodium     | 23-2  | 9603.79 | 9670.08 | 9676.56 | 9650.14    | 0.42    | ppb   |
| Strontium  | 86-1  | 17.14   | 16.85   | 17.21   | 17.07      | 1.10    | ppb   |
| Strontium  | 88-1  | 17.03   | 17.12   | 17.14   | 17.10      | 0.36    | ppb   |
| Sulfur     | 34-1  | 73.62   | 206.90  | 195.83  | 158.78     | 46.58   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.02    | 0.02       | 28.80   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 0.54    | ppb   |
| Tin        | 118-1 | 0.03    | 0.02    | 0.02    | 0.02       | 19.69   | ppb   |
| Titanium   | 47-1  | 0.33    | 0.31    | 0.26    | 0.30       | 12.83   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 22.66   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.06    | 0.05       | 8.81    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 64.90   | 65.03   | 64.54   | 64.82      | 0.40    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.05    | 0.04    | 0.04       | 12.65   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-15              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-15-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:06:21   | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.02    | 0.03       | 24.22   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-16 Instrumnet Name : P7  
 Client Sample ID : DC24741-16-BS-CL108-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:09:44 DataFile Name : 039SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 206.39  | 201.85  | 200.27  | 202.83     | 1.57    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.04    | 0.05       | 10.63   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.31    | 0.34    | 0.30       | 13.35   | ppb   |
| Barium     | 135-1 | 16.35   | 16.66   | 17.31   | 16.78      | 2.93    | ppb   |
| Barium     | 137-1 | 16.79   | 16.82   | 17.11   | 16.91      | 1.04    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.01    | 0.01       | 60.54   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.52    | 5.06    | 5.09    | 4.89       | 6.52    | ppb   |
| Boron      | 11-1  | 5.43    | 5.27    | 5.39    | 5.36       | 1.58    | ppb   |
| Cadmium    | 111-1 | -0.01   | 0.03    | -0.04   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.32   | 0.35    | -0.63   | -0.20      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.11    | 0.01    | 0.05       | 100.13  | ppb   |
| Calcium    | 43-1  | 4841.60 | 4809.26 | 4879.26 | 4843.37    | 0.72    | ppb   |
| Calcium    | 44-1  | 4891.85 | 4889.52 | 4937.28 | 4906.21    | 0.55    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.04    | 0.04    | 0.05       | 19.59   | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.06    | 0.05    | 0.06       | 12.30   | ppb   |
| Copper     | 63-2  | 116.31  | 115.22  | 113.77  | 115.10     | 1.11    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 88.63   | 86.60   | 85.08   | 86.77      | 2.05    | ppb   |
| Iron       | 57-2  | 94.40   | 91.21   | 93.01   | 92.87      | 1.72    | ppb   |
| Lead       | 206-1 | 0.53    | 0.54    | 0.53    | 0.54       | 1.01    | ppb   |
| Lead       | 207-1 | 0.49    | 0.46    | 0.48    | 0.48       | 3.38    | ppb   |
| Lead       | 208-1 | 0.50    | 0.51    | 0.52    | 0.51       | 1.93    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1136.50 | 1125.72 | 1114.09 | 1125.43    | 1.00    | ppb   |
| Manganese  | 55-2  | 21.49   | 21.08   | 20.85   | 21.14      | 1.54    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-16              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-16-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:09:44   | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.04    | 0.03    | 0.03       | 14.14   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.02    | 0.03    | 0.03       | 33.26   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.03    | 0.03    | 0.02       | 22.98   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.03    | 0.02       | 20.04   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.03    | 0.03       | 10.25   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.45    | 0.47    | 0.45    | 0.46       | 1.88    | ppb   |
| Phosphorus | 31-2  | 640.73  | 640.75  | 647.40  | 642.96     | 0.60    | ppb   |
| Potassium  | 39-2  | 497.46  | 486.23  | 485.82  | 489.84     | 1.35    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.47    | -0.27   | -0.27   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.06    | 0.35    | -0.14   | 0.09       | 279.36  | ppb   |
| Selenium   | 82-1  | 0.37    | 0.18    | 0.28    | 0.28       | 33.94   | ppb   |
| Silicon    | 28-1  | 1003.33 | 1003.97 | 1007.01 | 1004.77    | 0.20    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 12.94   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 33.28   | ppb   |
| Sodium     | 23-2  | 9968.78 | 9710.19 | 9755.47 | 9811.48    | 1.41    | ppb   |
| Strontium  | 86-1  | 17.44   | 17.45   | 17.81   | 17.57      | 1.21    | ppb   |
| Strontium  | 88-1  | 17.61   | 17.67   | 17.49   | 17.59      | 0.52    | ppb   |
| Sulfur     | 34-1  | 167.92  | 230.22  | 196.02  | 198.05     | 15.75   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 7.40    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.02    | 0.01       | 15.28   | ppb   |
| Tin        | 118-1 | 0.28    | 0.29    | 0.28    | 0.28       | 1.88    | ppb   |
| Titanium   | 47-1  | 0.37    | 0.40    | 0.45    | 0.41       | 9.83    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.00    | 0.01       | 20.97   | ppb   |
| Vanadium   | 51-2  | 0.08    | 0.07    | 0.08    | 0.08       | 6.81    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 19.31   | 19.82   | 18.97   | 19.37      | 2.21    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.06    | 0.05    | 0.05       | 17.12   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-16              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-16-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:09:44   | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.05    | 0.06    | 0.06       | 16.11   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV67               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV67               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:13:08 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.20    | 2.41    | 3.05    | 2.55       | 17.35   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.01    | 0.02    | 0.02       | 36.42   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.01    | -0.01   | 0.00       | 222.68  | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | 202.46  | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.01    | 0.01       | 43.79   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.94    | 1.02    | 0.85    | 0.94       | 8.92    | ppb   |
| Boron      | 11-1  | 1.24    | 1.21    | 1.23    | 1.23       | 1.37    | ppb   |
| Cadmium    | 111-1 | -0.05   | 0.03    | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.76   | 0.46    | -0.69   | -0.33      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.02    | 0.04    | 0.03       | 27.90   | ppb   |
| Calcium    | 43-1  | 11.81   | 12.79   | 8.59    | 11.06      | 19.83   | ppb   |
| Calcium    | 44-1  | 12.27   | 11.41   | 12.84   | 12.17      | 5.93    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.01    | 0.03    | 0.04    | 0.03       | 52.31   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.49    | 0.50    | 0.67    | 0.55       | 17.82   | ppb   |
| Iron       | 57-2  | 0.74    | -0.52   | 0.66    | 0.29       | 239.46  | ppb   |
| Lead       | 206-1 | 515.37  | 517.44  | 515.18  | 516.00     | 0.24    | ppb   |
| Lead       | 207-1 | 507.26  | 509.29  | 505.71  | 507.42     | 0.35    | ppb   |
| Lead       | 208-1 | 516.28  | 517.94  | 515.23  | 516.48     | 0.26    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.13    | 0.17    | 0.50    | 0.27       | 74.63   | ppb   |
| Manganese  | 55-2  | 0.02    | 0.01    | 0.02    | 0.02       | 22.94   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV67               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV67               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:13:08 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.02    | 0.01    | 0.01       | 19.91   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.01    | 0.01       | 32.30   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.01    | 0.03    | 0.02       | 61.05   | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.01    | 0.01       | 14.33   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.01    | 0.00    | 0.00       | 117.28  | ppb   |
| Phosphorus | 31-2  | -2.09   | -2.02   | -1.24   | -1.78      |         | ppb   |
| Potassium  | 39-2  | 1.25    | 4.59    | 4.66    | 3.50       | 55.78   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.01   | -0.01   | -0.27   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.14    | 0.12    | -0.27   | 0.00       |         | ppb   |
| Selenium   | 82-1  | -0.17   | 0.20    | 0.20    | 0.08       | 284.25  | ppb   |
| Silicon    | 28-1  | 3.66    | 3.85    | 4.74    | 4.08       | 14.12   | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 24.30   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 13.02   | ppb   |
| Sodium     | 23-2  | 25.84   | 25.79   | 25.52   | 25.72      | 0.68    | ppb   |
| Strontium  | 86-1  | 0.00    | 0.04    | 0.03    | 0.02       | 99.87   | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -793.37 | -810.24 | -689.22 | -764.27    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.02    | 0.02       | 6.63    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.01    | 0.01       | 9.51    | ppb   |
| Tin        | 118-1 | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.03    | 0.00    | 0.00    | 0.01       | 210.05  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.00    | 0.01       | 25.18   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.30    | 0.29    | 0.34    | 0.31       | 10.33   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.01    | 0.00       | 90.44   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV67               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV67               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:13:08 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.00    | 0.01       | 84.94   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB67               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB67               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:16:31 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.54   | -0.39   | -0.28   | -0.40      |         | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.24   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.01    | 0.00    | 0.00       | 101.73  | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | 93.99   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.00       | 25.46   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.93    | 1.06    | 0.84    | 0.94       | 11.98   | ppb   |
| Boron      | 11-1  | 0.95    | 0.96    | 0.77    | 0.89       | 12.28   | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.02   | -0.05   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.57   | -0.25   | -0.62   | -0.48      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.02    | 0.07    | 0.05       | 45.70   | ppb   |
| Calcium    | 43-1  | 0.01    | -1.28   | 0.44    | -0.28      |         | ppb   |
| Calcium    | 44-1  | 2.36    | 3.56    | 2.72    | 2.88       | 21.43   | ppb   |
| Chromium   | 52-2  | 0.00    | 0.02    | 0.02    | 0.01       | 62.48   | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.00    | 0.01    | 0.01       | 77.87   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.13    | 0.15    | 0.01    | 0.10       | 76.06   | ppb   |
| Iron       | 57-2  | -0.20   | -0.14   | 0.00    | -0.11      |         | ppb   |
| Lead       | 206-1 | 0.05    | 0.05    | 0.04    | 0.05       | 11.52   | ppb   |
| Lead       | 207-1 | 0.04    | 0.05    | 0.05    | 0.05       | 11.30   | ppb   |
| Lead       | 208-1 | 0.04    | 0.05    | 0.05    | 0.05       | 6.03    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.17    | 0.21    | 0.10    | 0.16       | 34.50   | ppb   |
| Manganese  | 55-2  | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB67               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB67               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:16:31 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -7.21   | -6.60   | 4.38    | -3.14      |         | ppb   |
| Potassium  | 39-2  | 1.29    | 4.25    | -1.24   | 1.43       | 192.07  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.01   | -0.01   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.15    | 0.74    | 0.65    | 0.51       | 62.24   | ppb   |
| Selenium   | 82-1  | -0.36   | -0.15   | -0.01   | -0.17      |         | ppb   |
| Silicon    | 28-1  | 0.10    | 1.41    | 1.36    | 0.95       | 78.02   | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 10.21   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 37.51   | ppb   |
| Sodium     | 23-2  | 24.41   | 26.08   | 23.02   | 24.50      | 6.27    | ppb   |
| Strontium  | 86-1  | 0.04    | 0.01    | 0.06    | 0.04       | 74.35   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -761.77 | -703.41 | -674.39 | -713.19    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 39.70   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 23.97   | ppb   |
| Tin        | 118-1 | 0.01    | 0.01    | -0.01   | 0.00       | 285.31  | ppb   |
| Titanium   | 47-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.01    | 0.00       | 307.95  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.00    | -0.02   | -0.05   | -0.02      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 14.37   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB67               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB67               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:16:31 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.00    | 0.00       | 238.11  | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-17 Instrumnet Name : P7  
 Client Sample ID : DC24741-17-BS-CL108-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:19:57 DataFile Name : 042SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 121.36  | 119.12  | 119.27  | 119.92     | 1.04    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.08    | 0.09    | 0.08       | 10.03   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.30    | 0.24    | 0.26       | 14.40   | ppb   |
| Barium     | 135-1 | 15.44   | 15.68   | 15.62   | 15.58      | 0.81    | ppb   |
| Barium     | 137-1 | 15.65   | 15.75   | 15.62   | 15.68      | 0.41    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.01       | 35.41   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.02    | 4.91    | 4.10    | 4.34       | 11.36   | ppb   |
| Boron      | 11-1  | 4.37    | 4.63    | 4.94    | 4.65       | 6.15    | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.20   | -0.30   | -0.56   | -0.35      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.09    | 0.08    | 0.08       | 10.81   | ppb   |
| Calcium    | 43-1  | 4996.82 | 4982.18 | 5045.08 | 5008.03    | 0.66    | ppb   |
| Calcium    | 44-1  | 5059.31 | 5043.35 | 5077.98 | 5060.21    | 0.34    | ppb   |
| Chromium   | 52-2  | 0.64    | 0.60    | 0.60    | 0.61       | 3.65    | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.05    | 0.05    | 0.05       | 7.08    | ppb   |
| Copper     | 63-2  | 111.25  | 110.97  | 111.44  | 111.22     | 0.22    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 39.60   | 41.59   | 39.17   | 40.12      | 3.22    | ppb   |
| Iron       | 57-2  | 45.63   | 47.71   | 45.99   | 46.44      | 2.39    | ppb   |
| Lead       | 206-1 | 0.49    | 0.47    | 0.49    | 0.48       | 2.75    | ppb   |
| Lead       | 207-1 | 0.46    | 0.46    | 0.44    | 0.45       | 2.56    | ppb   |
| Lead       | 208-1 | 0.47    | 0.46    | 0.47    | 0.47       | 0.68    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1160.30 | 1156.63 | 1128.88 | 1148.60    | 1.50    | ppb   |
| Manganese  | 55-2  | 13.62   | 13.47   | 13.60   | 13.57      | 0.59    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-17              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-17-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:19:57   | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04    | 0.06    | 0.04    | 0.05       | 27.34   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02    | 0.02    | 0.02       | 1.28    | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.04    | 0.03       | 37.59   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.02    | 0.03    | 0.03       | 34.77   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.03    | 0.03       | 11.73   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.02    | 1.94    | 1.96    | 1.97       | 1.99    | ppb   |
| Phosphorus | 31-2  | 649.80  | 629.74  | 634.24  | 637.93     | 1.65    | ppb   |
| Potassium  | 39-2  | 557.37  | 545.29  | 551.48  | 551.38     | 1.10    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.21    | 0.22    | -0.27   | 0.06       | 496.08  | ppb   |
| Selenium   | 78-2  | 0.09    | 0.19    | 0.38    | 0.22       | 67.30   | ppb   |
| Selenium   | 82-1  | 0.50    | 0.46    | 0.45    | 0.47       | 5.76    | ppb   |
| Silicon    | 28-1  | 1016.49 | 992.19  | 1005.56 | 1004.75    | 1.21    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 34.83   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 31.86   | ppb   |
| Sodium     | 23-2  | 9953.76 | 9861.45 | 9761.77 | 9859.00    | 0.97    | ppb   |
| Strontium  | 86-1  | 16.88   | 17.05   | 17.64   | 17.19      | 2.34    | ppb   |
| Strontium  | 88-1  | 17.38   | 17.35   | 17.64   | 17.46      | 0.91    | ppb   |
| Sulfur     | 34-1  | 268.97  | 263.00  | 304.31  | 278.76     | 8.01    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 11.12   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 32.15   | ppb   |
| Tin        | 118-1 | 0.09    | 0.10    | 0.09    | 0.10       | 5.83    | ppb   |
| Titanium   | 47-1  | 0.29    | 0.34    | 0.34    | 0.32       | 9.31    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 31.09   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.04    | 0.05    | 0.05       | 17.56   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 120.05  | 121.09  | 121.78  | 120.97     | 0.72    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.04    | 0.05    | 0.04       | 6.99    | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-17              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-17-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:19:57   | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.06    | 0.04       | 28.10   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-18 Instrumnet Name : P7  
 Client Sample ID : DC24741-18-BS-CL108-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:23:21 DataFile Name : 043SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 51.94   | 51.88   | 47.40   | 50.40      | 5.16    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.08    | 0.07       | 8.16    | ppb   |
| Arsenic    | 75-2  | 0.41    | 0.39    | 0.35    | 0.38       | 7.69    | ppb   |
| Barium     | 135-1 | 23.62   | 23.01   | 23.24   | 23.29      | 1.33    | ppb   |
| Barium     | 137-1 | 23.89   | 23.63   | 23.00   | 23.51      | 1.96    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.01    | 0.01       | 42.53   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.08    | 4.60    | 4.16    | 4.28       | 6.46    | ppb   |
| Boron      | 11-1  | 4.67    | 5.00    | 4.79    | 4.82       | 3.46    | ppb   |
| Cadmium    | 111-1 | -0.01   | 0.03    | 0.02    | 0.01       | 132.22  | ppb   |
| Cadmium    | 106-1 | -0.25   | 0.11    | 0.09    | -0.02      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.02    | 0.05    | 0.04       | 38.31   | ppb   |
| Calcium    | 43-1  | 5030.26 | 5066.94 | 4948.16 | 5015.12    | 1.21    | ppb   |
| Calcium    | 44-1  | 5111.60 | 5136.51 | 4980.50 | 5076.20    | 1.65    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.06    | 0.06    | 0.06       | 10.99   | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.08    | 0.08    | 0.08       | 6.91    | ppb   |
| Copper     | 63-2  | 912.00  | 912.87  | 879.10  | 901.32     | 2.14    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 390.64  | 389.21  | 381.70  | 387.18     | 1.24    | ppb   |
| Iron       | 57-2  | 394.44  | 398.66  | 387.92  | 393.67     | 1.37    | ppb   |
| Lead       | 206-1 | 0.95    | 0.94    | 0.92    | 0.94       | 1.90    | ppb   |
| Lead       | 207-1 | 0.83    | 0.88    | 0.84    | 0.85       | 2.58    | ppb   |
| Lead       | 208-1 | 0.91    | 0.91    | 0.87    | 0.90       | 2.39    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1112.71 | 1109.61 | 1100.52 | 1107.61    | 0.57    | ppb   |
| Manganese  | 55-2  | 135.65  | 134.40  | 133.36  | 134.47     | 0.85    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-18 Instrumnet Name : P7  
 Client Sample ID : DC24741-18-BS-CL108-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:23:21 DataFile Name : 043SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05     | 0.05     | 0.07    | 0.06       | 23.06   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.00     | 0.01    | 0.01       | 51.22   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.01     | 0.01    | 0.02       | 48.00   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.01     | 0.01    | 0.01       | 52.48   | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.01     | 0.01    | 0.01       | 30.24   | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.58     | 0.54     | 0.51    | 0.54       | 6.02    | ppb   |
| Phosphorus | 31-2  | 836.28   | 843.99   | 803.06  | 827.77     | 2.63    | ppb   |
| Potassium  | 39-2  | 494.46   | 488.05   | 480.87  | 487.79     | 1.39    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | -0.27    | 0.71     | -0.27   | 0.06       | 950.21  | ppb   |
| Selenium   | 78-2  | 0.59     | 0.32     | 0.37    | 0.43       | 33.80   | ppb   |
| Selenium   | 82-1  | 0.34     | 0.17     | 0.02    | 0.18       | 92.48   | ppb   |
| Silicon    | 28-1  | 1061.41  | 1078.23  | 1046.41 | 1062.02    | 1.50    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01    | 0.01       | 40.10   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01    | 0.01       | 18.37   | ppb   |
| Sodium     | 23-2  | 10062.99 | 10003.19 | 9879.35 | 9981.84    | 0.94    | ppb   |
| Strontium  | 86-1  | 17.83    | 17.85    | 17.67   | 17.79      | 0.56    | ppb   |
| Strontium  | 88-1  | 17.91    | 17.78    | 17.80   | 17.83      | 0.41    | ppb   |
| Sulfur     | 34-1  | 403.47   | 632.54   | 455.77  | 497.26     | 24.14   | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02    | 0.02       | 5.13    | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.01    | 0.02       | 13.03   | ppb   |
| Tin        | 118-1 | 1.00     | 1.04     | 1.04    | 1.03       | 2.51    | ppb   |
| Titanium   | 47-1  | 1.77     | 1.55     | 1.69    | 1.67       | 6.84    | ppb   |
| Uranium    | 238-1 | 0.05     | 0.05     | 0.05    | 0.05       | 3.74    | ppb   |
| Vanadium   | 51-2  | 0.12     | 0.13     | 0.11    | 0.12       | 7.75    | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 9.99     | 9.67     | 9.41    | 9.69       | 3.03    | ppb   |
| Zirconium  | 90-1  | 0.08     | 0.09     | 0.20    | 0.12       | 54.18   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-18              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-18-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:23:21   | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.10    | 0.10    | 0.10    | 0.10       | 0.44    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-19 Instrumnet Name : P7  
 Client Sample ID : DC24741-19-BS-CL110-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:26:44 DataFile Name : 044SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.60   | 17.47   | 14.17   | 15.75      | 10.54   | ppb   |
| Antimony   | 121-1 | 0.38    | 0.36    | 0.37    | 0.37       | 2.74    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.22    | 0.24    | 0.24       | 12.45   | ppb   |
| Barium     | 135-1 | 21.24   | 21.39   | 21.28   | 21.30      | 0.36    | ppb   |
| Barium     | 137-1 | 21.14   | 21.20   | 21.36   | 21.23      | 0.53    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 112.48  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.52    | 3.89    | 4.19    | 4.20       | 7.48    | ppb   |
| Boron      | 11-1  | 4.88    | 5.23    | 4.93    | 5.01       | 3.78    | ppb   |
| Cadmium    | 111-1 | 0.24    | 0.27    | 0.32    | 0.28       | 14.83   | ppb   |
| Cadmium    | 106-1 | 0.00    | 0.21    | 0.79    | 0.33       | 123.62  | ppb   |
| Cadmium    | 108-1 | 0.36    | 0.55    | 0.36    | 0.42       | 25.59   | ppb   |
| Calcium    | 43-1  | 5625.47 | 5638.77 | 5430.32 | 5564.85    | 2.10    | ppb   |
| Calcium    | 44-1  | 5729.67 | 5658.70 | 5570.47 | 5652.95    | 1.41    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.18    | 0.18    | 0.20    | 0.18       | 5.94    | ppb   |
| Copper     | 63-2  | 479.95  | 487.25  | 484.10  | 483.77     | 0.76    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 9.81    | 9.65    | 9.58    | 9.68       | 1.18    | ppb   |
| Iron       | 57-2  | 13.96   | 15.75   | 15.20   | 14.97      | 6.12    | ppb   |
| Lead       | 206-1 | 1.71    | 1.72    | 1.69    | 1.71       | 1.01    | ppb   |
| Lead       | 207-1 | 1.66    | 1.58    | 1.62    | 1.62       | 2.55    | ppb   |
| Lead       | 208-1 | 1.68    | 1.66    | 1.66    | 1.67       | 0.62    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1232.01 | 1220.63 | 1228.90 | 1227.18    | 0.48    | ppb   |
| Manganese  | 55-2  | 11.85   | 11.79   | 11.79   | 11.81      | 0.28    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-19              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-19-BS-CL110-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:26:44   | DataFile Name :   | 044SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.02    | 0.03       | 10.50   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.06    | 0.05    | 0.05       | 12.24   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.04    | 0.04    | 0.04       | 2.66    | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.04    | 0.05    | 0.05       | 20.08   | ppb   |
| Molybdenum | 98-1  | 0.06    | 0.05    | 0.05    | 0.05       | 8.72    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 88.04   | 87.87   | 88.42   | 88.11      | 0.32    | ppb   |
| Phosphorus | 31-2  | 69.71   | 82.03   | 81.95   | 77.89      | 9.10    | ppb   |
| Potassium  | 39-2  | 513.93  | 520.64  | 517.81  | 517.46     | 0.65    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | -0.02   | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.03   | 0.35    | -0.28   | 0.01       | 3213.19 | ppb   |
| Selenium   | 82-1  | 0.57    | 0.00    | 0.01    | 0.19       | 168.40  | ppb   |
| Silicon    | 28-1  | 859.26  | 847.83  | 843.26  | 850.12     | 0.97    | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.03    | 0.03       | 6.47    | ppb   |
| Silver     | 107-1 | 0.02    | 0.03    | 0.03    | 0.03       | 20.80   | ppb   |
| Sodium     | 23-2  | 9972.00 | 9940.48 | 9943.97 | 9952.15    | 0.17    | ppb   |
| Strontium  | 86-1  | 20.48   | 20.79   | 20.72   | 20.66      | 0.79    | ppb   |
| Strontium  | 88-1  | 21.04   | 21.08   | 21.27   | 21.13      | 0.59    | ppb   |
| Sulfur     | 34-1  | 398.41  | 370.64  | 325.94  | 365.00     | 10.02   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.28   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.52   | ppb   |
| Tin        | 118-1 | 0.01    | 0.01    | 0.01    | 0.01       | 47.98   | ppb   |
| Titanium   | 47-1  | 0.03    | 0.07    | 0.16    | 0.09       | 77.73   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 5798.79 | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.02    | 0.02    | 0.02       | 8.08    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1077.41 | 1088.16 | 1078.10 | 1081.22    | 0.56    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.02    | 0.03       | 18.96   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-19              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-19-BS-CL110-\ | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:26:44   | DataFile Name :   | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.02    | 0.03       | 23.84   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-20 Instrumnet Name : P7  
 Client Sample ID : DC24741-20-BS-CL110-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:30:07 DataFile Name : 045SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 164.41  | 165.65  | 167.68  | 165.91     | 1.00    | ppb   |
| Antimony   | 121-1 | 0.08    | 0.05    | 0.07    | 0.06       | 18.80   | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.29    | 0.33    | 0.30       | 9.82    | ppb   |
| Barium     | 135-1 | 17.31   | 17.51   | 17.33   | 17.38      | 0.63    | ppb   |
| Barium     | 137-1 | 17.44   | 17.22   | 17.55   | 17.40      | 0.96    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.01       | 97.33   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.30    | 4.52    | 4.10    | 4.30       | 4.91    | ppb   |
| Boron      | 11-1  | 4.50    | 4.63    | 4.52    | 4.55       | 1.50    | ppb   |
| Cadmium    | 111-1 | -0.04   | 0.00    | -0.04   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.75   | -0.09   | -0.61   | -0.48      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.04    | 0.05    | 0.04       | 39.88   | ppb   |
| Calcium    | 43-1  | 4963.32 | 4855.79 | 5013.19 | 4944.10    | 1.63    | ppb   |
| Calcium    | 44-1  | 4973.52 | 4948.00 | 5042.55 | 4988.02    | 0.98    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.05    | 0.07    | 0.05       | 40.72   | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.04    | 0.03    | 0.04       | 11.71   | ppb   |
| Copper     | 63-2  | 437.97  | 434.74  | 436.28  | 436.33     | 0.37    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 55.70   | 55.26   | 56.23   | 55.73      | 0.88    | ppb   |
| Iron       | 57-2  | 62.94   | 59.09   | 58.40   | 60.14      | 4.07    | ppb   |
| Lead       | 206-1 | 0.42    | 0.41    | 0.42    | 0.41       | 1.20    | ppb   |
| Lead       | 207-1 | 0.38    | 0.40    | 0.37    | 0.38       | 5.35    | ppb   |
| Lead       | 208-1 | 0.40    | 0.39    | 0.40    | 0.40       | 1.29    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1125.50 | 1128.48 | 1125.96 | 1126.64    | 0.14    | ppb   |
| Manganese  | 55-2  | 25.93   | 25.88   | 26.15   | 25.98      | 0.55    | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-20 Instrumnet Name : P7  
 Client Sample ID : DC24741-20-BS-CL110-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:30:07 DataFile Name : 045SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.04    | 0.03    | 0.03       | 8.78    | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.01    | 0.02    | 0.02       | 38.27   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.02    | 0.03    | 0.03       | 22.90   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.03    | 0.02    | 0.02       | 10.43   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.03    | 0.02       | 15.09   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.02    | 0.96    | 1.01    | 1.00       | 2.96    | ppb   |
| Phosphorus | 31-2  | 606.02  | 606.96  | 610.22  | 607.73     | 0.36    | ppb   |
| Potassium  | 39-2  | 490.29  | 490.93  | 498.95  | 493.39     | 0.98    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.02   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.10   | 0.50    | -0.17   | 0.08       | 470.80  | ppb   |
| Selenium   | 82-1  | 0.26    | 0.38    | -0.16   | 0.16       | 180.01  | ppb   |
| Silicon    | 28-1  | 1000.24 | 1000.30 | 1017.07 | 1005.87    | 0.96    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 46.52   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 50.50   | ppb   |
| Sodium     | 23-2  | 9922.54 | 9997.81 | 9916.37 | 9945.58    | 0.46    | ppb   |
| Strontium  | 86-1  | 17.53   | 16.99   | 17.43   | 17.32      | 1.63    | ppb   |
| Strontium  | 88-1  | 17.41   | 17.51   | 17.59   | 17.50      | 0.52    | ppb   |
| Sulfur     | 34-1  | 379.53  | 254.48  | 471.19  | 368.40     | 29.53   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.02    | 0.01       | 8.25    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.02    | 0.01       | 19.61   | ppb   |
| Tin        | 118-1 | 0.12    | 0.12    | 0.17    | 0.14       | 21.04   | ppb   |
| Titanium   | 47-1  | 0.45    | 0.51    | 0.50    | 0.49       | 6.70    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 12.18   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.08    | 0.06    | 0.06       | 14.30   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 18.41   | 18.38   | 18.62   | 18.47      | 0.72    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.04    | 0.05    | 0.05       | 7.17    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-20              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-20-BS-CL110-\ | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:30:07   | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.06    | 0.05       | 10.56   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-21 Instrumnet Name : P7  
 Client Sample ID : DC24741-21-BS-CL110-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:33:31 DataFile Name : 046SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 64.91   | 64.16   | 62.75   | 63.94      | 1.72    | ppb   |
| Antimony   | 121-1 | 0.42    | 0.42    | 0.39    | 0.41       | 4.99    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.21    | 0.22    | 0.24       | 17.47   | ppb   |
| Barium     | 135-1 | 24.13   | 23.74   | 23.56   | 23.81      | 1.23    | ppb   |
| Barium     | 137-1 | 23.91   | 23.93   | 23.52   | 23.79      | 0.96    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 120.86  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.44    | 4.95    | 5.50    | 4.96       | 10.70   | ppb   |
| Boron      | 11-1  | 4.91    | 5.03    | 5.37    | 5.10       | 4.66    | ppb   |
| Cadmium    | 111-1 | 0.31    | 0.24    | 0.29    | 0.28       | 13.37   | ppb   |
| Cadmium    | 106-1 | 0.39    | -0.25   | 0.40    | 0.18       | 204.09  | ppb   |
| Cadmium    | 108-1 | 0.65    | 0.54    | 0.78    | 0.66       | 17.87   | ppb   |
| Calcium    | 43-1  | 5888.51 | 5865.92 | 5895.57 | 5883.34    | 0.26    | ppb   |
| Calcium    | 44-1  | 6032.19 | 5952.21 | 6017.59 | 6000.66    | 0.71    | ppb   |
| Chromium   | 52-2  | 1.06    | 1.08    | 1.26    | 1.13       | 9.63    | ppb   |
| Cobalt     | 59-2  | 0.19    | 0.18    | 0.17    | 0.18       | 3.87    | ppb   |
| Copper     | 63-2  | 568.57  | 562.44  | 552.17  | 561.06     | 1.48    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 18.45   | 18.43   | 18.12   | 18.34      | 1.01    | ppb   |
| Iron       | 57-2  | 24.46   | 25.73   | 22.41   | 24.20      | 6.93    | ppb   |
| Lead       | 206-1 | 2.34    | 2.39    | 2.34    | 2.35       | 1.37    | ppb   |
| Lead       | 207-1 | 2.15    | 2.20    | 2.14    | 2.16       | 1.53    | ppb   |
| Lead       | 208-1 | 2.25    | 2.27    | 2.24    | 2.25       | 0.74    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1288.07 | 1261.86 | 1243.46 | 1264.46    | 1.77    | ppb   |
| Manganese  | 55-2  | 11.22   | 10.92   | 10.67   | 10.94      | 2.50    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-21-BS-CL110-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:33:31   | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04     | 0.04     | 0.04    | 0.04       | 6.07    | ppb   |
| Molybdenum | 95-1  | 0.05     | 0.05     | 0.07    | 0.06       | 24.07   | ppb   |
| Molybdenum | 96-1  | 0.05     | 0.06     | 0.06    | 0.06       | 11.28   | ppb   |
| Molybdenum | 97-1  | 0.07     | 0.04     | 0.08    | 0.07       | 31.26   | ppb   |
| Molybdenum | 98-1  | 0.07     | 0.06     | 0.06    | 0.06       | 10.10   | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 22.92    | 22.76    | 22.73   | 22.80      | 0.44    | ppb   |
| Phosphorus | 31-2  | 56.83    | 57.60    | 67.12   | 60.52      | 9.47    | ppb   |
| Potassium  | 39-2  | 565.38   | 555.03   | 546.86  | 555.76     | 1.67    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | -0.27   | -0.27      |         | ppb   |
| Selenium   | 78-2  | 0.46     | -0.04    | -0.01   | 0.14       | 202.40  | ppb   |
| Selenium   | 82-1  | 0.36     | 0.27     | 0.35    | 0.33       | 15.61   | ppb   |
| Silicon    | 28-1  | 855.42   | 832.64   | 863.65  | 850.57     | 1.89    | ppb   |
| Silver     | 109-1 | 0.03     | 0.04     | 0.04    | 0.04       | 20.07   | ppb   |
| Silver     | 107-1 | 0.03     | 0.05     | 0.03    | 0.04       | 30.22   | ppb   |
| Sodium     | 23-2  | 10285.86 | 10185.58 | 9872.21 | 10114.55   | 2.13    | ppb   |
| Strontium  | 86-1  | 21.87    | 22.23    | 22.22   | 22.11      | 0.92    | ppb   |
| Strontium  | 88-1  | 22.22    | 22.47    | 22.11   | 22.27      | 0.85    | ppb   |
| Sulfur     | 34-1  | 381.64   | 355.37   | 355.28  | 364.10     | 4.17    | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.02    | 0.02       | 27.23   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02    | 0.02       | 13.11   | ppb   |
| Tin        | 118-1 | 0.13     | 0.09     | 0.12    | 0.12       | 16.34   | ppb   |
| Titanium   | 47-1  | 0.13     | 0.06     | 0.10    | 0.10       | 37.34   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.01    | 0.00       | 56.22   | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.04     | 0.03    | 0.03       | 6.80    | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 1346.55  | 1330.49  | 1302.69 | 1326.58    | 1.67    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03     | 0.03    | 0.03       | 12.64   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-21-BS-CL110-\ | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:33:31   | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.04    | 0.04       | 8.74    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-22 Instrumnet Name : P7  
 Client Sample ID : DC24741-22-BS-CL110-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:36:55 DataFile Name : 047SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 188.08  | 189.61  | 190.31  | 189.33     | 0.60    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 4.61    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.27    | 0.25    | 0.27       | 5.39    | ppb   |
| Barium     | 135-1 | 16.52   | 16.34   | 16.77   | 16.55      | 1.31    | ppb   |
| Barium     | 137-1 | 16.61   | 16.81   | 16.45   | 16.62      | 1.10    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.01    | 0.01       | 80.36   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.82    | 5.04    | 4.89    | 4.92       | 2.27    | ppb   |
| Boron      | 11-1  | 4.86    | 5.07    | 5.08    | 5.01       | 2.46    | ppb   |
| Cadmium    | 111-1 | -0.01   | 0.01    | -0.02   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.28   | 0.01    | -0.42   | -0.23      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.06    | 0.01    | 0.04       | 70.90   | ppb   |
| Calcium    | 43-1  | 4874.78 | 4771.87 | 4760.36 | 4802.34    | 1.31    | ppb   |
| Calcium    | 44-1  | 4921.75 | 4872.27 | 4836.65 | 4876.89    | 0.88    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.01    | 0.01    | 0.01       | 104.45  | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.04    | 0.05    | 0.05       | 10.57   | ppb   |
| Copper     | 63-2  | 146.66  | 148.72  | 146.59  | 147.32     | 0.82    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 35.11   | 34.63   | 34.47   | 34.73      | 0.96    | ppb   |
| Iron       | 57-2  | 37.26   | 46.73   | 39.44   | 41.14      | 12.05   | ppb   |
| Lead       | 206-1 | 0.42    | 0.43    | 0.41    | 0.42       | 1.67    | ppb   |
| Lead       | 207-1 | 0.40    | 0.38    | 0.38    | 0.39       | 2.66    | ppb   |
| Lead       | 208-1 | 0.40    | 0.40    | 0.40    | 0.40       | 0.34    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1119.24 | 1122.94 | 1091.21 | 1111.13    | 1.56    | ppb   |
| Manganese  | 55-2  | 17.83   | 17.87   | 17.83   | 17.84      | 0.12    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-22 Instrumnet Name : P7  
 Client Sample ID : DC24741-22-BS-CL110-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:36:55 DataFile Name : 047SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.04    | 0.03    | 0.03       | 29.53   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03    | 0.03    | 0.03       | 12.87   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.02    | 0.02       | 9.42    | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.03    | 0.03    | 0.03       | 35.67   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.03    | 0.03       | 5.79    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.51    | 0.57    | 0.54    | 0.54       | 5.08    | ppb   |
| Phosphorus | 31-2  | 663.50  | 634.36  | 650.01  | 649.29     | 2.25    | ppb   |
| Potassium  | 39-2  | 482.42  | 483.68  | 482.29  | 482.80     | 0.16    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.02   | -0.02   | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.65    | 0.59    | 0.29    | 0.51       | 37.51   | ppb   |
| Selenium   | 82-1  | 0.68    | 0.12    | 0.27    | 0.36       | 82.05   | ppb   |
| Silicon    | 28-1  | 1014.99 | 999.43  | 988.66  | 1001.03    | 1.32    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 43.12   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 36.54   | ppb   |
| Sodium     | 23-2  | 9707.18 | 9870.15 | 9660.34 | 9745.89    | 1.13    | ppb   |
| Strontium  | 86-1  | 17.44   | 17.44   | 17.09   | 17.33      | 1.16    | ppb   |
| Strontium  | 88-1  | 17.76   | 17.52   | 17.71   | 17.66      | 0.69    | ppb   |
| Sulfur     | 34-1  | 269.51  | 198.61  | 180.24  | 216.12     | 21.81   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 13.08   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.67   | ppb   |
| Tin        | 118-1 | 0.11    | 0.12    | 0.14    | 0.12       | 12.92   | ppb   |
| Titanium   | 47-1  | 0.36    | 0.34    | 0.34    | 0.35       | 3.55    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.01    | 0.01       | 31.84   | ppb   |
| Vanadium   | 51-2  | 0.08    | 0.07    | 0.06    | 0.07       | 17.79   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 18.60   | 18.72   | 19.04   | 18.79      | 1.20    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.04    | 0.03    | 0.04       | 9.38    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-22              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-22-BS-CL110-\ | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:36:55   | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.04    | 0.05    | 0.04       | 15.59   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-23            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-23-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:40:20 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.35    | 8.45    | 10.41   | 9.07       | 12.82   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.05    | 0.05       | 9.88    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.27    | 0.29    | 0.27       | 7.60    | ppb   |
| Barium     | 135-1 | 15.99   | 16.27   | 16.37   | 16.21      | 1.21    | ppb   |
| Barium     | 137-1 | 16.44   | 16.27   | 16.08   | 16.26      | 1.09    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.00    | 0.00       | 92.71   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.03    | 4.08    | 4.08    | 4.06       | 0.72    | ppb   |
| Boron      | 11-1  | 4.48    | 4.53    | 4.25    | 4.42       | 3.41    | ppb   |
| Cadmium    | 111-1 | -0.09   | 0.00    | -0.03   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -1.22   | -0.03   | -0.53   | -0.59      |         | ppb   |
| Cadmium    | 108-1 | 0.12    | 0.12    | 0.06    | 0.10       | 31.27   | ppb   |
| Calcium    | 43-1  | 4840.76 | 4792.24 | 4832.99 | 4822.00    | 0.54    | ppb   |
| Calcium    | 44-1  | 4902.57 | 4880.85 | 4957.32 | 4913.58    | 0.80    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.05    | 0.07    | 0.06       | 20.49   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.02    | 0.01       | 10.69   | ppb   |
| Copper     | 63-2  | 70.67   | 69.75   | 70.03   | 70.15      | 0.67    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 25.85   | 22.89   | 24.20   | 24.32      | 6.09    | ppb   |
| Iron       | 57-2  | 28.38   | 27.42   | 29.59   | 28.46      | 3.81    | ppb   |
| Lead       | 206-1 | 0.71    | 0.68    | 0.73    | 0.71       | 3.57    | ppb   |
| Lead       | 207-1 | 0.66    | 0.66    | 0.67    | 0.66       | 1.31    | ppb   |
| Lead       | 208-1 | 0.67    | 0.68    | 0.70    | 0.68       | 1.86    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1112.56 | 1111.85 | 1110.27 | 1111.56    | 0.11    | ppb   |
| Manganese  | 55-2  | 14.27   | 14.07   | 14.04   | 14.13      | 0.87    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-23 Instrumnet Name : P7  
 Client Sample ID : DC24741-23-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:40:20 DataFile Name : 048SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.03    | 0.02    | 0.03       | 6.43    | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02    | 0.02    | 0.02       | 11.77   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02    | 0.02    | 0.02       | 6.48    | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.01    | 0.02    | 0.03       | 60.43   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03    | 0.03    | 0.03       | 16.44   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.50     | 1.41    | 1.41    | 1.44       | 3.49    | ppb   |
| Phosphorus | 31-2  | 666.53   | 693.65  | 656.35  | 672.18     | 2.87    | ppb   |
| Potassium  | 39-2  | 494.61   | 483.33  | 492.61  | 490.18     | 1.23    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | 0.47     | -0.27   | -0.27   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.17     | 0.24    | 0.64    | 0.35       | 72.02   | ppb   |
| Selenium   | 82-1  | 0.32     | -0.05   | -0.11   | 0.06       | 411.14  | ppb   |
| Silicon    | 28-1  | 969.93   | 955.09  | 992.83  | 972.62     | 1.95    | ppb   |
| Silver     | 109-1 | 0.01     | 0.00    | 0.01    | 0.01       | 49.97   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00    | 0.01    | 0.00       | 56.39   | ppb   |
| Sodium     | 23-2  | 10077.01 | 9845.51 | 9918.18 | 9946.90    | 1.19    | ppb   |
| Strontium  | 86-1  | 17.17    | 17.34   | 17.11   | 17.21      | 0.69    | ppb   |
| Strontium  | 88-1  | 17.41    | 17.47   | 17.51   | 17.47      | 0.29    | ppb   |
| Sulfur     | 34-1  | 117.62   | 22.66   | 142.43  | 94.24      | 67.08   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01    | 0.01    | 0.02       | 32.45   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.01    | 0.01       | 9.08    | ppb   |
| Tin        | 118-1 | -0.06    | -0.05   | -0.05   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.27     | 0.33    | 0.43    | 0.34       | 23.47   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.01    | 0.01    | 0.01       | 41.38   | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.05    | 0.06    | 0.05       | 11.91   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 117.21   | 116.84  | 117.89  | 117.31     | 0.45    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.04    | 0.03    | 0.04       | 10.32   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-23            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-23-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:40:20 | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.05    | 0.03    | 0.04       | 24.51   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-24 Instrumnet Name : P7  
 Client Sample ID : DC24741-24-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:43:44 DataFile Name : 049SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.02    | 5.74    | 6.31    | 6.69       | 17.76   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.05    | 0.05       | 8.79    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.27    | 0.26    | 0.26       | 3.66    | ppb   |
| Barium     | 135-1 | 15.60   | 15.81   | 16.11   | 15.84      | 1.60    | ppb   |
| Barium     | 137-1 | 15.80   | 15.97   | 16.18   | 15.98      | 1.18    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.01    | 0.01       | 40.75   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.38    | 4.10    | 3.82    | 4.10       | 6.78    | ppb   |
| Boron      | 11-1  | 4.33    | 4.66    | 4.72    | 4.57       | 4.63    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -1.13   | -0.38   | -0.40   | -0.63      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.06    | 0.06    | 0.04       | 99.53   | ppb   |
| Calcium    | 43-1  | 4869.81 | 4857.88 | 4920.42 | 4882.71    | 0.68    | ppb   |
| Calcium    | 44-1  | 4927.51 | 4949.23 | 4931.93 | 4936.23    | 0.23    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 13.10   | ppb   |
| Copper     | 63-2  | 51.09   | 50.73   | 50.17   | 50.66      | 0.91    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.37   | 37.39   | 22.54   | 27.77      | 30.05   | ppb   |
| Iron       | 57-2  | 31.09   | 28.95   | 27.97   | 29.34      | 5.45    | ppb   |
| Lead       | 206-1 | 0.13    | 0.13    | 0.12    | 0.13       | 1.77    | ppb   |
| Lead       | 207-1 | 0.12    | 0.10    | 0.13    | 0.12       | 10.26   | ppb   |
| Lead       | 208-1 | 0.12    | 0.11    | 0.12    | 0.11       | 3.52    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1132.54 | 1098.00 | 1106.71 | 1112.42    | 1.61    | ppb   |
| Manganese  | 55-2  | 13.61   | 13.50   | 13.44   | 13.52      | 0.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-24            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-24-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:43:44 | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02    | 0.04    | 0.03       | 32.95   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02    | 0.03    | 0.02       | 24.77   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03    | 0.02    | 0.02       | 24.86   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02    | 0.04    | 0.03       | 42.81   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03    | 0.03    | 0.03       | 10.67   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.25     | 0.25    | 0.24    | 0.25       | 2.06    | ppb   |
| Phosphorus | 31-2  | 686.31   | 675.82  | 704.65  | 688.92     | 2.12    | ppb   |
| Potassium  | 39-2  | 493.46   | 485.77  | 488.22  | 489.15     | 0.80    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02    | 0.22    | -0.27   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 1.16     | 0.20    | -0.16   | 0.40       | 171.09  | ppb   |
| Selenium   | 82-1  | 0.48     | 0.24    | 0.11    | 0.27       | 68.82   | ppb   |
| Silicon    | 28-1  | 1000.33  | 979.75  | 990.11  | 990.06     | 1.04    | ppb   |
| Silver     | 109-1 | 0.00     | 0.01    | 0.01    | 0.01       | 16.94   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00    | 0.00    | 0.00       | 14.33   | ppb   |
| Sodium     | 23-2  | 10241.10 | 9935.47 | 9986.81 | 10054.46   | 1.63    | ppb   |
| Strontium  | 86-1  | 17.00    | 17.06   | 17.35   | 17.14      | 1.10    | ppb   |
| Strontium  | 88-1  | 17.51    | 17.39   | 17.37   | 17.42      | 0.44    | ppb   |
| Sulfur     | 34-1  | 112.02   | 186.12  | 220.32  | 172.82     | 32.03   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01    | 0.02    | 0.01       | 19.80   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.01    | 0.01       | 36.11   | ppb   |
| Tin        | 118-1 | -0.06    | -0.06   | -0.07   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.40     | 0.32    | 0.34    | 0.35       | 11.42   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00    | 0.01    | 0.01       | 43.14   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06    | 0.04    | 0.05       | 15.15   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 12.15    | 11.78   | 11.97   | 11.97      | 1.51    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.03    | 0.03    | 0.03       | 17.14   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-24            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-24-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:43:44 | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.03    | 0.03       | 12.36   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-25 Instrumnet Name : P7  
 Client Sample ID : DC24741-25-BS-H-W4-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:47:08 DataFile Name : 050SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.01    | 7.95    | 8.20    | 7.72       | 8.09    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.05    | 0.05       | 7.85    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.29    | 0.28    | 0.29       | 6.27    | ppb   |
| Barium     | 135-1 | 16.03   | 15.71   | 15.61   | 15.78      | 1.39    | ppb   |
| Barium     | 137-1 | 16.06   | 15.96   | 15.48   | 15.83      | 1.97    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.00       | 178.63  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.64    | 4.79    | 4.85    | 4.76       | 2.31    | ppb   |
| Boron      | 11-1  | 4.31    | 4.56    | 4.63    | 4.50       | 3.67    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.02   | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.04    | -0.35   | -0.74   | -0.35      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.11    | 0.05    | 0.05       | 112.67  | ppb   |
| Calcium    | 43-1  | 4730.24 | 4793.36 | 4862.66 | 4795.42    | 1.38    | ppb   |
| Calcium    | 44-1  | 4815.98 | 4882.98 | 4924.68 | 4874.55    | 1.12    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.03    | 0.01    | 0.02       | 55.34   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.01    | 0.01       | 45.47   | ppb   |
| Copper     | 63-2  | 327.64  | 322.90  | 325.36  | 325.30     | 0.73    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 26.37   | 25.75   | 25.53   | 25.88      | 1.68    | ppb   |
| Iron       | 57-2  | 32.94   | 31.29   | 34.27   | 32.83      | 4.55    | ppb   |
| Lead       | 206-1 | 0.26    | 0.25    | 0.27    | 0.26       | 3.91    | ppb   |
| Lead       | 207-1 | 0.27    | 0.26    | 0.24    | 0.26       | 5.34    | ppb   |
| Lead       | 208-1 | 0.25    | 0.25    | 0.26    | 0.26       | 2.75    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1131.29 | 1122.05 | 1119.23 | 1124.19    | 0.56    | ppb   |
| Manganese  | 55-2  | 14.87   | 14.60   | 14.76   | 14.74      | 0.89    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-25 Instrumnet Name : P7  
 Client Sample ID : DC24741-25-BS-H-W4-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:47:08 DataFile Name : 050SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03    | 0.03    | 0.02       | 18.51   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.02    | 0.03    | 0.02       | 24.39   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03    | 0.03    | 0.02       | 29.26   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03    | 0.05    | 0.03       | 35.22   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02    | 0.02    | 0.02       | 22.75   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.89     | 0.88    | 0.91    | 0.90       | 1.58    | ppb   |
| Phosphorus | 31-2  | 660.47   | 620.58  | 683.57  | 654.87     | 4.87    | ppb   |
| Potassium  | 39-2  | 497.01   | 488.18  | 487.35  | 490.84     | 1.09    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27    | 0.22    | -0.27   | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.04     | 0.62    | 0.36    | 0.34       | 86.12   | ppb   |
| Selenium   | 82-1  | 0.46     | 0.34    | 0.40    | 0.40       | 15.66   | ppb   |
| Silicon    | 28-1  | 983.58   | 1004.91 | 1018.26 | 1002.25    | 1.75    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01    | 0.01    | 0.01       | 17.62   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.00    | 0.01       | 29.36   | ppb   |
| Sodium     | 23-2  | 10033.54 | 9869.43 | 9858.73 | 9920.57    | 0.99    | ppb   |
| Strontium  | 86-1  | 16.97    | 17.09   | 16.97   | 17.01      | 0.39    | ppb   |
| Strontium  | 88-1  | 17.35    | 17.38   | 17.17   | 17.30      | 0.63    | ppb   |
| Sulfur     | 34-1  | 174.66   | 297.45  | 299.26  | 257.12     | 27.78   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02    | 0.01    | 0.02       | 37.19   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.01    | 0.01       | 10.20   | ppb   |
| Tin        | 118-1 | -0.03    | -0.05   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.26     | 0.35    | 0.35    | 0.32       | 16.43   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.01    | 0.00       | 84.81   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05    | 0.05    | 0.05       | 1.84    | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 82.50    | 82.46   | 81.91   | 82.29      | 0.40    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.04    | 0.03    | 0.03       | 15.06   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-25-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:47:08  | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.05    | 0.04       | 25.84   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-26 Instrumnet Name : P7  
 Client Sample ID : DC24741-26-BS-H-W4-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:50:31 DataFile Name : 051SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.02    | 7.07    | 8.23    | 8.11       | 12.12   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.05    | 0.05       | 8.83    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.27    | 0.27    | 0.27       | 0.79    | ppb   |
| Barium     | 135-1 | 15.43   | 16.01   | 15.86   | 15.77      | 1.90    | ppb   |
| Barium     | 137-1 | 15.69   | 15.95   | 15.75   | 15.80      | 0.89    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.01    | 0.01    | 0.00       | 285.71  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.74    | 4.86    | 4.53    | 4.71       | 3.50    | ppb   |
| Boron      | 11-1  | 4.47    | 4.68    | 4.56    | 4.57       | 2.32    | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.01    | 0.03    | 0.01       | 71.08   | ppb   |
| Cadmium    | 106-1 | -0.03   | 0.08    | 0.26    | 0.10       | 138.92  | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.10    | 0.05    | 0.08       | 35.01   | ppb   |
| Calcium    | 43-1  | 4891.75 | 4789.13 | 4827.36 | 4836.08    | 1.07    | ppb   |
| Calcium    | 44-1  | 4988.16 | 4930.09 | 4878.67 | 4932.30    | 1.11    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.00    | 0.01    | 0.01       | 83.76   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.01    | 0.01       | 25.04   | ppb   |
| Copper     | 63-2  | 316.13  | 304.51  | 289.31  | 303.32     | 4.43    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 31.12   | 29.93   | 28.95   | 30.00      | 3.61    | ppb   |
| Iron       | 57-2  | 34.77   | 37.97   | 35.91   | 36.22      | 4.49    | ppb   |
| Lead       | 206-1 | 0.34    | 0.34    | 0.35    | 0.34       | 2.15    | ppb   |
| Lead       | 207-1 | 0.31    | 0.31    | 0.30    | 0.31       | 1.25    | ppb   |
| Lead       | 208-1 | 0.33    | 0.31    | 0.33    | 0.32       | 2.58    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1150.19 | 1124.65 | 1067.77 | 1114.21    | 3.79    | ppb   |
| Manganese  | 55-2  | 16.00   | 15.25   | 14.61   | 15.29      | 4.56    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-26-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:50:31  | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.02    | 0.03    | 0.02       | 18.48   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.03    | 0.03    | 0.03       | 4.95    | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03    | 0.01    | 0.02       | 30.35   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02    | 0.04    | 0.03       | 39.26   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02    | 0.03    | 0.02       | 26.79   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.78     | 0.84    | 0.81    | 0.81       | 3.79    | ppb   |
| Phosphorus | 31-2  | 636.57   | 658.77  | 615.85  | 637.06     | 3.37    | ppb   |
| Potassium  | 39-2  | 497.76   | 480.31  | 450.47  | 476.18     | 5.02    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02    | -0.02   | 0.21    | 0.05       | 243.28  | ppb   |
| Selenium   | 78-2  | -0.15    | 0.19    | 0.45    | 0.16       | 184.20  | ppb   |
| Selenium   | 82-1  | 0.11     | 0.02    | 0.76    | 0.30       | 137.12  | ppb   |
| Silicon    | 28-1  | 1025.77  | 1025.57 | 1001.73 | 1017.69    | 1.36    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01    | 0.01    | 0.01       | 9.53    | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.01    | 0.01       | 14.52   | ppb   |
| Sodium     | 23-2  | 10120.06 | 9876.21 | 9369.24 | 9788.50    | 3.91    | ppb   |
| Strontium  | 86-1  | 16.95    | 16.94   | 16.93   | 16.94      | 0.08    | ppb   |
| Strontium  | 88-1  | 17.22    | 17.14   | 17.32   | 17.23      | 0.53    | ppb   |
| Sulfur     | 34-1  | 303.00   | 330.75  | 197.97  | 277.24     | 25.26   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01    | 0.02    | 0.01       | 24.93   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.01    | 0.01       | 18.10   | ppb   |
| Tin        | 118-1 | -0.01    | -0.03   | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.30     | 0.34    | 0.35    | 0.33       | 8.26    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00    | 0.00    | 0.00       | 53.86   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05    | 0.06    | 0.06       | 8.49    | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 93.60    | 88.70   | 85.36   | 89.22      | 4.64    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.02    | 0.03    | 0.03       | 20.98   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-26-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:50:31  | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.04    | 0.04       | 9.13    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV68               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV68               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:53:55 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.17    | 2.75    | 2.20    | 2.37       | 13.76   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.43   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | 0.01    | 0.01       | 78.54   | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.01    | 0.00    | 0.00       | 352.14  | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.01    | 0.00    | 0.00       | 390.53  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.83    | 1.00    | 0.79    | 0.88       | 12.77   | ppb   |
| Boron      | 11-1  | 1.02    | 0.80    | 0.90    | 0.91       | 12.20   | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.08   | 0.02    | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.81   | -1.11   | 0.19    | -0.57      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.04    | 0.02    | 0.02       | 115.06  | ppb   |
| Calcium    | 43-1  | 10.55   | 8.37    | 8.71    | 9.21       | 12.75   | ppb   |
| Calcium    | 44-1  | 12.32   | 11.68   | 12.68   | 12.23      | 4.14    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.02   | 0.02    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 587.49  | ppb   |
| Copper     | 63-2  | 0.04    | 0.01    | 0.05    | 0.03       | 74.81   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.57    | 0.67    | 0.49    | 0.57       | 15.25   | ppb   |
| Iron       | 57-2  | -0.21   | 0.26    | -0.08   | -0.01      |         | ppb   |
| Lead       | 206-1 | 519.19  | 518.12  | 517.90  | 518.40     | 0.13    | ppb   |
| Lead       | 207-1 | 519.66  | 506.50  | 521.99  | 516.05     | 1.62    | ppb   |
| Lead       | 208-1 | 516.03  | 517.99  | 522.64  | 518.88     | 0.65    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.17    | 0.12    | 0.42    | 0.24       | 67.57   | ppb   |
| Manganese  | 55-2  | 0.01    | 0.02    | 0.01    | 0.02       | 28.57   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV68               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV68               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:53:55 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | 234.62  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.01    | 0.00       | 45.87   | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.02    | 0.01    | 0.02       | 33.86   | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.01    | 0.01       | 42.43   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.00    | 0.00    | 0.00       | 177.14  | ppb   |
| Phosphorus | 31-2  | -5.65   | -3.73   | 2.99    | -2.13      |         | ppb   |
| Potassium  | 39-2  | 2.71    | 4.79    | 2.14    | 3.21       | 43.45   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | -0.27   | -0.27      |         | ppb   |
| Selenium   | 78-2  | -0.04   | -0.18   | 0.63    | 0.14       | 310.02  | ppb   |
| Selenium   | 82-1  | 0.15    | 0.01    | 0.35    | 0.17       | 101.79  | ppb   |
| Silicon    | 28-1  | 1.69    | 1.79    | 1.84    | 1.78       | 4.22    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.01       | 26.91   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 55.94   | ppb   |
| Sodium     | 23-2  | 24.88   | 24.88   | 24.31   | 24.69      | 1.34    | ppb   |
| Strontium  | 86-1  | 0.04    | 0.00    | 0.00    | 0.01       | 214.55  | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -607.58 | -627.86 | -700.10 | -645.18    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 5.60    | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.01    | 0.02       | 19.17   | ppb   |
| Tin        | 118-1 | -0.03   | 0.00    | -0.03   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.05    | 0.12    | 0.02    | 0.06       | 80.45   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 286.28  | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.01    | 0.01       | 7.58    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.37    | 0.36    | 0.31    | 0.35       | 8.29    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.01    | 0.00       | 93.69   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV68               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV68               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:53:55 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.01    | 0.01       | 15.71   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB68               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB68               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:57:19 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.62   | -0.22   | 0.18    | -0.22      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.01    | 0.01       | 23.56   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | 0.00    | 0.00       | 114.31  | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | 303.78  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.58    | 0.44    | 0.84    | 0.62       | 32.55   | ppb   |
| Boron      | 11-1  | 0.59    | 0.48    | 0.56    | 0.55       | 10.93   | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.02   | 0.02    | 0.00       |         | ppb   |
| Cadmium    | 106-1 | -0.11   | -0.24   | 0.27    | -0.02      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.02    | 0.00    | 0.01       | 339.53  | ppb   |
| Calcium    | 43-1  | 0.07    | -0.83   | -2.27   | -1.01      |         | ppb   |
| Calcium    | 44-1  | 3.66    | 2.75    | 3.27    | 3.23       | 14.23   | ppb   |
| Chromium   | 52-2  | 0.01    | -0.04   | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.01    | 0.03    | 0.02       | 42.72   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.13    | 0.09    | 0.10    | 0.10       | 20.29   | ppb   |
| Iron       | 57-2  | 0.43    | -0.63   | -0.20   | -0.13      |         | ppb   |
| Lead       | 206-1 | 0.05    | 0.04    | 0.03    | 0.04       | 17.58   | ppb   |
| Lead       | 207-1 | 0.03    | 0.04    | 0.04    | 0.04       | 14.68   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 5.78    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.18   | 0.14    | 0.04    | 0.00       |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | 198.44  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB68               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB68               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:57:19 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.01    | 0.00       | 152.31  | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -6.29   | -4.98   | -10.35  | -7.21      |         | ppb   |
| Potassium  | 39-2  | 1.25    | 1.98    | 5.47    | 2.90       | 77.70   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | -0.27   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.44    | 1.08    | 0.49    | 0.67       | 52.72   | ppb   |
| Selenium   | 82-1  | -0.02   | -0.26   | 0.19    | -0.03      |         | ppb   |
| Silicon    | 28-1  | -1.09   | -0.76   | -1.01   | -0.96      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 106.40  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 24.68   | 24.31   | 23.56   | 24.18      | 2.36    | ppb   |
| Strontium  | 86-1  | 0.06    | 0.03    | 0.01    | 0.04       | 68.35   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -656.73 | -642.16 | -632.41 | -643.77    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 2.77    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 26.04   | ppb   |
| Tin        | 118-1 | 0.01    | 0.03    | 0.00    | 0.02       | 116.57  | ppb   |
| Titanium   | 47-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.04   | -0.05   | 0.00    | -0.03      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB68               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB68               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:57:19 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.01    | 0.01       | 88.96   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-27 Instrumnet Name : P7  
 Client Sample ID : DC24741-27-BS-BRC-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:00:45 DataFile Name : 054SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.10    | 7.34    | 10.38   | 8.94       | 17.09   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.06    | 0.05       | 12.97   | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.27    | 0.27    | 0.28       | 4.97    | ppb   |
| Barium     | 135-1 | 16.35   | 16.13   | 16.27   | 16.25      | 0.67    | ppb   |
| Barium     | 137-1 | 16.30   | 16.29   | 16.73   | 16.44      | 1.52    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 138.46  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.66    | 4.00    | 3.37    | 3.68       | 8.54    | ppb   |
| Boron      | 11-1  | 4.27    | 4.24    | 4.40    | 4.31       | 1.97    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.09   | -0.03   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.63   | -1.31   | -0.47   | -0.80      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.01    | 0.05    | 0.04       | 68.13   | ppb   |
| Calcium    | 43-1  | 5029.90 | 4949.24 | 4922.19 | 4967.11    | 1.13    | ppb   |
| Calcium    | 44-1  | 5028.16 | 5020.99 | 4984.52 | 5011.22    | 0.47    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.02    | -0.01   | 0.01       | 145.27  | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.01    | 0.01       | 20.11   | ppb   |
| Copper     | 63-2  | 80.02   | 79.93   | 78.50   | 79.49      | 1.07    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 24.14   | 23.75   | 24.05   | 23.98      | 0.85    | ppb   |
| Iron       | 57-2  | 27.22   | 31.73   | 31.34   | 30.10      | 8.29    | ppb   |
| Lead       | 206-1 | 0.76    | 0.76    | 0.75    | 0.75       | 0.60    | ppb   |
| Lead       | 207-1 | 0.74    | 0.73    | 0.71    | 0.73       | 2.21    | ppb   |
| Lead       | 208-1 | 0.73    | 0.72    | 0.72    | 0.73       | 1.06    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1135.49 | 1119.11 | 1113.31 | 1122.64    | 1.02    | ppb   |
| Manganese  | 55-2  | 16.25   | 15.85   | 15.79   | 15.96      | 1.57    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-27            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-27-BS-BRC-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:00:45 | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03    | 0.02    | 0.02       | 10.99   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.02    | 0.02    | 0.02       | 21.98   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02    | 0.03    | 0.02       | 25.86   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.01    | 0.01    | 0.01       | 31.69   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02    | 0.03    | 0.03       | 15.30   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.83     | 0.84    | 0.83    | 0.83       | 0.97    | ppb   |
| Phosphorus | 31-2  | 722.40   | 658.84  | 684.35  | 688.53     | 4.65    | ppb   |
| Potassium  | 39-2  | 488.12   | 473.18  | 474.73  | 478.67     | 1.72    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.02   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.44     | 0.27    | 0.34    | 0.35       | 23.73   | ppb   |
| Selenium   | 82-1  | 0.42     | 0.69    | 0.12    | 0.41       | 70.17   | ppb   |
| Silicon    | 28-1  | 989.38   | 998.86  | 986.48  | 991.57     | 0.65    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01    | 0.01    | 0.01       | 16.22   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01    | 0.01    | 0.01       | 84.54   | ppb   |
| Sodium     | 23-2  | 10190.62 | 9885.10 | 9889.83 | 9988.52    | 1.75    | ppb   |
| Strontium  | 86-1  | 17.52    | 17.45   | 17.34   | 17.44      | 0.52    | ppb   |
| Strontium  | 88-1  | 17.65    | 17.58   | 17.74   | 17.66      | 0.46    | ppb   |
| Sulfur     | 34-1  | 224.09   | 283.46  | 370.04  | 292.53     | 25.09   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02    | 0.01    | 0.01       | 32.02   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.01    | 0.01       | 6.13    | ppb   |
| Tin        | 118-1 | -0.05    | -0.06   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.28     | 0.48    | 0.30    | 0.35       | 30.98   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.01    | 0.00    | 0.00       | 29.89   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.04    | 0.05    | 0.05       | 10.13   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 28.85    | 27.49   | 28.10   | 28.14      | 2.41    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.04    | 0.05    | 0.04       | 20.47   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-27            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-27-BS-BRC-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:00:45 | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.04    | 0.04    | 0.04       | 11.89   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-28 Instrumnet Name : P7  
 Client Sample ID : DC24741-28-BS-BRC-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:04:08 DataFile Name : 055SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.88    | 4.58    | 10.36   | 7.94       | 37.80   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 2.86    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.30    | 0.32    | 0.30       | 8.46    | ppb   |
| Barium     | 135-1 | 15.98   | 15.84   | 16.22   | 16.01      | 1.20    | ppb   |
| Barium     | 137-1 | 15.79   | 15.72   | 16.03   | 15.85      | 1.03    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.52    | 4.16    | 4.26    | 3.98       | 10.04   | ppb   |
| Boron      | 11-1  | 4.09    | 4.59    | 4.61    | 4.43       | 6.66    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.05   | -0.03   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.15   | -0.67   | -0.47   | -0.43      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.05    | 0.06    | 0.05       | 29.11   | ppb   |
| Calcium    | 43-1  | 4908.09 | 4919.86 | 4906.77 | 4911.57    | 0.15    | ppb   |
| Calcium    | 44-1  | 4928.53 | 4930.61 | 4918.22 | 4925.79    | 0.13    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | 0.02    | 0.01       | 285.11  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 27.37   | ppb   |
| Copper     | 63-2  | 40.16   | 40.93   | 40.68   | 40.59      | 0.96    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.02   | 22.55   | 21.61   | 22.06      | 2.15    | ppb   |
| Iron       | 57-2  | 26.38   | 26.66   | 30.24   | 27.76      | 7.76    | ppb   |
| Lead       | 206-1 | 0.12    | 0.14    | 0.13    | 0.13       | 9.48    | ppb   |
| Lead       | 207-1 | 0.14    | 0.10    | 0.12    | 0.12       | 13.85   | ppb   |
| Lead       | 208-1 | 0.13    | 0.12    | 0.13    | 0.12       | 1.29    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1118.65 | 1127.50 | 1118.31 | 1121.49    | 0.46    | ppb   |
| Manganese  | 55-2  | 12.98   | 13.40   | 13.38   | 13.26      | 1.77    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-28 Instrumnet Name : P7  
 Client Sample ID : DC24741-28-BS-BRC-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:04:08 DataFile Name : 055SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03     | 0.03    | 0.03       | 11.95   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02     | 0.02    | 0.02       | 21.19   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.02     | 0.01    | 0.02       | 24.15   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.03     | 0.04    | 0.03       | 44.66   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.03     | 0.03    | 0.03       | 16.40   | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.31    | 0.31     | 0.30    | 0.31       | 1.07    | ppb   |
| Phosphorus | 31-2  | 696.95  | 650.87   | 615.53  | 654.45     | 6.24    | ppb   |
| Potassium  | 39-2  | 475.12  | 488.43   | 480.98  | 481.51     | 1.39    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.02    | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.22   | 0.06     | -0.13   | -0.10      |         | ppb   |
| Selenium   | 82-1  | 0.72    | 0.29     | 0.30    | 0.44       | 55.36   | ppb   |
| Silicon    | 28-1  | 996.33  | 996.84   | 1015.10 | 1002.76    | 1.07    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00     | 0.00    | 0.00       | 71.38   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00     | 0.00    | 0.00       | 23.26   | ppb   |
| Sodium     | 23-2  | 9960.25 | 10056.22 | 9924.34 | 9980.27    | 0.68    | ppb   |
| Strontium  | 86-1  | 17.27   | 17.44    | 17.45   | 17.38      | 0.58    | ppb   |
| Strontium  | 88-1  | 17.44   | 17.37    | 17.67   | 17.49      | 0.90    | ppb   |
| Sulfur     | 34-1  | 278.66  | 364.63   | 342.84  | 328.71     | 13.60   | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01     | 0.01    | 0.01       | 7.76    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01     | 0.01    | 0.01       | 20.97   | ppb   |
| Tin        | 118-1 | -0.07   | -0.06    | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.30    | 0.32     | 0.27    | 0.30       | 7.36    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01     | 0.01    | 0.01       | 4.86    | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05     | 0.05    | 0.05       | 10.61   | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 11.60   | 11.78    | 12.00   | 11.79      | 1.71    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.03     | 0.04    | 0.04       | 8.69    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-28            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-28-BS-BRC-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:04:08 | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.04    | 0.04       | 11.34   | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-29 Instrumnet Name : P7  
 Client Sample ID : DC24741-29-BS-CL102-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:07:32 DataFile Name : 056SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 508.43  | 506.63  | 508.84  | 507.97     | 0.23    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 3.30    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.30    | 0.29    | 0.29       | 2.97    | ppb   |
| Barium     | 135-1 | 17.48   | 17.36   | 17.44   | 17.43      | 0.37    | ppb   |
| Barium     | 137-1 | 17.67   | 17.33   | 17.76   | 17.59      | 1.28    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.00    | 0.01       | 61.03   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.51    | 4.97    | 4.43    | 4.64       | 6.28    | ppb   |
| Boron      | 11-1  | 4.83    | 4.54    | 4.82    | 4.73       | 3.53    | ppb   |
| Cadmium    | 111-1 | 0.04    | -0.02   | 0.03    | 0.01       | 203.25  | ppb   |
| Cadmium    | 106-1 | -0.15   | -0.78   | -0.11   | -0.35      |         | ppb   |
| Cadmium    | 108-1 | 0.15    | 0.09    | 0.14    | 0.13       | 23.85   | ppb   |
| Calcium    | 43-1  | 5330.51 | 5291.60 | 5321.23 | 5314.45    | 0.38    | ppb   |
| Calcium    | 44-1  | 5418.90 | 5409.70 | 5428.16 | 5418.92    | 0.17    | ppb   |
| Chromium   | 52-2  | 0.13    | 0.12    | 0.13    | 0.13       | 3.43    | ppb   |
| Cobalt     | 59-2  | 0.08    | 0.07    | 0.09    | 0.08       | 9.55    | ppb   |
| Copper     | 63-2  | 317.01  | 319.46  | 323.43  | 319.97     | 1.01    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 52.63   | 50.52   | 51.07   | 51.41      | 2.12    | ppb   |
| Iron       | 57-2  | 54.20   | 52.78   | 56.24   | 54.41      | 3.20    | ppb   |
| Lead       | 206-1 | 2.48    | 2.54    | 2.51    | 2.51       | 1.16    | ppb   |
| Lead       | 207-1 | 2.35    | 2.37    | 2.38    | 2.37       | 0.71    | ppb   |
| Lead       | 208-1 | 2.42    | 2.44    | 2.45    | 2.43       | 0.58    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1244.86 | 1252.97 | 1259.12 | 1252.32    | 0.57    | ppb   |
| Manganese  | 55-2  | 21.10   | 20.94   | 20.89   | 20.98      | 0.53    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-29              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-29-BS-CL102-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:07:32   | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05     | 0.06     | 0.05     | 0.05       | 5.40    | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.05     | 0.04     | 0.04       | 12.66   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.05     | 0.03     | 0.03       | 40.95   | ppb   |
| Molybdenum | 97-1  | 0.05     | 0.04     | 0.04     | 0.04       | 15.19   | ppb   |
| Molybdenum | 98-1  | 0.05     | 0.05     | 0.04     | 0.05       | 8.65    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 20.05    | 20.43    | 20.32    | 20.26      | 0.96    | ppb   |
| Phosphorus | 31-2  | 658.55   | 677.93   | 678.46   | 671.65     | 1.69    | ppb   |
| Potassium  | 39-2  | 504.74   | 502.91   | 509.50   | 505.72     | 0.67    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | 0.23     | 0.23     | 0.06       | 448.36  | ppb   |
| Selenium   | 78-2  | -0.29    | 1.13     | 0.02     | 0.29       | 261.32  | ppb   |
| Selenium   | 82-1  | 0.30     | -0.03    | 0.27     | 0.18       | 99.62   | ppb   |
| Silicon    | 28-1  | 1008.50  | 1010.92  | 1006.33  | 1008.59    | 0.23    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 31.56   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 12.43   | ppb   |
| Sodium     | 23-2  | 10392.79 | 10412.24 | 10551.42 | 10452.15   | 0.83    | ppb   |
| Strontium  | 86-1  | 18.42    | 18.51    | 18.37    | 18.43      | 0.38    | ppb   |
| Strontium  | 88-1  | 18.50    | 18.63    | 18.48    | 18.53      | 0.44    | ppb   |
| Sulfur     | 34-1  | 440.97   | 501.51   | 453.72   | 465.40     | 6.86    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.01     | 0.01       | 16.46   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 5.66    | ppb   |
| Tin        | 118-1 | 2.13     | 2.09     | 2.05     | 2.09       | 1.77    | ppb   |
| Titanium   | 47-1  | 0.51     | 0.45     | 0.62     | 0.53       | 16.36   | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.02     | 0.02       | 4.45    | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.08     | 0.07     | 0.08       | 2.66    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 185.51   | 185.87   | 186.98   | 186.12     | 0.41    | ppb   |
| Zirconium  | 90-1  | 0.07     | 0.06     | 0.05     | 0.06       | 12.15   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-29              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-29-BS-CL102-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:07:32   | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.08    | 0.06    | 0.06       | 19.24   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-30 Instrumnet Name : P7  
 Client Sample ID : DC24741-30-BS-CL102-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:10:56 DataFile Name : 057SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1054.52 | 1053.36 | 1091.01 | 1066.30    | 2.01    | ppb   |
| Antimony   | 121-1 | 0.11    | 0.11    | 0.12    | 0.11       | 3.70    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.32    | 0.39    | 0.34       | 13.60   | ppb   |
| Barium     | 135-1 | 18.62   | 18.96   | 19.11   | 18.90      | 1.33    | ppb   |
| Barium     | 137-1 | 18.70   | 18.85   | 19.06   | 18.87      | 0.96    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | 0.01    | 0.02       | 11.76   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.64    | 4.56    | 4.09    | 4.10       | 11.19   | ppb   |
| Boron      | 11-1  | 4.53    | 4.26    | 4.34    | 4.37       | 3.16    | ppb   |
| Cadmium    | 111-1 | -0.08   | 0.03    | -0.01   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -1.28   | 0.17    | -0.31   | -0.47      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.09    | 0.02    | 0.04       | 88.04   | ppb   |
| Calcium    | 43-1  | 5199.81 | 5173.59 | 5155.45 | 5176.28    | 0.43    | ppb   |
| Calcium    | 44-1  | 5356.40 | 5189.17 | 5283.56 | 5276.38    | 1.59    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.06    | 0.04    | 0.04       | 42.77   | ppb   |
| Cobalt     | 59-2  | 0.12    | 0.11    | 0.10    | 0.11       | 7.94    | ppb   |
| Copper     | 63-2  | 1004.21 | 1009.50 | 1021.46 | 1011.72    | 0.87    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 116.99  | 117.75  | 121.55  | 118.76     | 2.06    | ppb   |
| Iron       | 57-2  | 124.33  | 123.60  | 122.20  | 123.38     | 0.88    | ppb   |
| Lead       | 206-1 | 1.29    | 1.28    | 1.25    | 1.27       | 1.49    | ppb   |
| Lead       | 207-1 | 1.25    | 1.18    | 1.13    | 1.19       | 5.05    | ppb   |
| Lead       | 208-1 | 1.25    | 1.23    | 1.21    | 1.23       | 1.32    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1243.35 | 1242.96 | 1266.72 | 1251.01    | 1.09    | ppb   |
| Manganese  | 55-2  | 56.51   | 56.07   | 57.04   | 56.54      | 0.86    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-30 Instrumnet Name : P7  
 Client Sample ID : DC24741-30-BS-CL102-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:10:56 DataFile Name : 057SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.07     | 0.08     | 0.07     | 0.07       | 7.16    | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.03     | 0.03     | 0.03       | 19.76   | ppb   |
| Molybdenum | 96-1  | 0.04     | 0.02     | 0.03     | 0.03       | 24.01   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.03     | 0.02     | 0.02       | 24.46   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02     | 0.03     | 0.03       | 12.01   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.76     | 0.76     | 0.76     | 0.76       | 0.34    | ppb   |
| Phosphorus | 31-2  | 736.03   | 702.11   | 707.48   | 715.21     | 2.55    | ppb   |
| Potassium  | 39-2  | 502.79   | 507.89   | 513.31   | 508.00     | 1.04    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.23     | 0.22     | -0.27    | 0.06       | 461.03  | ppb   |
| Selenium   | 78-2  | 0.30     | 0.25     | 0.60     | 0.38       | 49.19   | ppb   |
| Selenium   | 82-1  | 0.53     | 0.30     | 0.02     | 0.28       | 91.31   | ppb   |
| Silicon    | 28-1  | 998.62   | 986.41   | 992.78   | 992.60     | 0.61    | ppb   |
| Silver     | 109-1 | 0.01     | 0.00     | 0.01     | 0.01       | 38.13   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.01     | 0.00       | 45.75   | ppb   |
| Sodium     | 23-2  | 10323.22 | 10334.51 | 10603.20 | 10420.31   | 1.52    | ppb   |
| Strontium  | 86-1  | 17.75    | 17.52    | 17.81    | 17.69      | 0.88    | ppb   |
| Strontium  | 88-1  | 18.12    | 17.91    | 18.05    | 18.03      | 0.59    | ppb   |
| Sulfur     | 34-1  | 245.62   | 247.22   | 166.05   | 219.63     | 21.13   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.01     | 0.01       | 14.19   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 23.46   | ppb   |
| Tin        | 118-1 | 1.14     | 1.08     | 1.14     | 1.12       | 3.01    | ppb   |
| Titanium   | 47-1  | 0.74     | 0.68     | 0.75     | 0.72       | 5.18    | ppb   |
| Uranium    | 238-1 | 0.05     | 0.04     | 0.05     | 0.04       | 6.23    | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.10     | 0.09     | 0.09       | 7.38    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 37.62    | 38.28    | 38.17    | 38.02      | 0.92    | ppb   |
| Zirconium  | 90-1  | 0.09     | 0.08     | 0.09     | 0.09       | 7.73    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-30              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-30-BS-CL102-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:10:56   | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.10    | 0.10    | 0.09    | 0.10       | 5.02    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-31 Instrumnet Name : P7  
 Client Sample ID : DC24741-31-BS-CL102-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:14:19 DataFile Name : 058SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 345.36  | 330.91  | 342.83  | 339.70     | 2.27    | ppb   |
| Antimony   | 121-1 | 0.15    | 0.17    | 0.14    | 0.16       | 10.07   | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.36    | 0.33    | 0.33       | 8.50    | ppb   |
| Barium     | 135-1 | 14.77   | 14.97   | 14.62   | 14.78      | 1.18    | ppb   |
| Barium     | 137-1 | 15.22   | 15.30   | 15.25   | 15.26      | 0.24    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.01    | 0.01       | 69.92   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.00    | 4.26    | 4.57    | 4.27       | 6.68    | ppb   |
| Boron      | 11-1  | 4.44    | 4.47    | 4.44    | 4.45       | 0.43    | ppb   |
| Cadmium    | 111-1 | 0.20    | 0.14    | 0.12    | 0.15       | 25.85   | ppb   |
| Cadmium    | 106-1 | 0.16    | -0.51   | -0.79   | -0.38      |         | ppb   |
| Cadmium    | 108-1 | 0.49    | 0.45    | 0.52    | 0.48       | 7.03    | ppb   |
| Calcium    | 43-1  | 5013.93 | 5002.01 | 4968.80 | 4994.92    | 0.47    | ppb   |
| Calcium    | 44-1  | 5072.38 | 5053.50 | 5012.73 | 5046.20    | 0.60    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.01    | 0.00    | 0.00       | 64.25   | ppb   |
| Cobalt     | 59-2  | 0.17    | 0.16    | 0.18    | 0.17       | 5.31    | ppb   |
| Copper     | 63-2  | 394.47  | 385.61  | 394.28  | 391.46     | 1.29    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 33.66   | 33.20   | 33.37   | 33.41      | 0.69    | ppb   |
| Iron       | 57-2  | 37.51   | 38.27   | 41.18   | 38.99      | 4.97    | ppb   |
| Lead       | 206-1 | 4.53    | 4.57    | 4.53    | 4.54       | 0.55    | ppb   |
| Lead       | 207-1 | 4.27    | 4.24    | 4.27    | 4.26       | 0.37    | ppb   |
| Lead       | 208-1 | 4.40    | 4.39    | 4.38    | 4.39       | 0.24    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1160.14 | 1125.20 | 1156.41 | 1147.25    | 1.67    | ppb   |
| Manganese  | 55-2  | 14.48   | 14.27   | 14.56   | 14.44      | 1.01    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-31              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-31-BS-CL102-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:14:19   | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.04    | 0.03       | 34.46   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02    | 0.02    | 0.02       | 15.29   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.02    | 0.02       | 5.14    | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.04    | 0.03       | 47.52   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.01    | 0.02    | 0.02       | 31.90   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 50.25   | 49.39   | 50.24   | 49.96      | 0.99    | ppb   |
| Phosphorus | 31-2  | 608.59  | 642.52  | 636.71  | 629.27     | 2.88    | ppb   |
| Potassium  | 39-2  | 512.34  | 488.89  | 500.85  | 500.70     | 2.34    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | 0.22    | 0.22    | 0.06       | 477.32  | ppb   |
| Selenium   | 78-2  | 0.21    | 0.13    | 0.26    | 0.20       | 33.69   | ppb   |
| Selenium   | 82-1  | 0.07    | 0.52    | 0.13    | 0.24       | 100.63  | ppb   |
| Silicon    | 28-1  | 1022.95 | 1026.41 | 1020.21 | 1023.19    | 0.30    | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.02    | 0.02       | 27.97   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.02    | 0.02       | 14.03   | ppb   |
| Sodium     | 23-2  | 9976.28 | 9698.46 | 9865.34 | 9846.69    | 1.42    | ppb   |
| Strontium  | 86-1  | 18.07   | 17.39   | 17.77   | 17.74      | 1.91    | ppb   |
| Strontium  | 88-1  | 17.97   | 17.61   | 17.84   | 17.81      | 1.02    | ppb   |
| Sulfur     | 34-1  | 204.79  | 295.01  | 209.43  | 236.41     | 21.49   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 18.62   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.02    | 0.02       | 4.05    | ppb   |
| Tin        | 118-1 | 2.55    | 2.61    | 2.58    | 2.58       | 1.22    | ppb   |
| Titanium   | 47-1  | 0.35    | 0.37    | 0.37    | 0.36       | 2.58    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 6.29    | ppb   |
| Vanadium   | 51-2  | 0.08    | 0.07    | 0.05    | 0.07       | 20.50   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1119.30 | 1089.44 | 1100.15 | 1102.96    | 1.37    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 2.61    | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-31              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-31-BS-CL102-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:14:19   | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.05    | 0.04       | 20.95   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-32 Instrumnet Name : P7  
 Client Sample ID : DC24741-32-BS-CL102-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:17:43 DataFile Name : 059SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1261.20 | 1241.19 | 1244.02 | 1248.81    | 0.87    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.07    | 0.07       | 4.55    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.27    | 0.35    | 0.29       | 16.64   | ppb   |
| Barium     | 135-1 | 19.97   | 20.15   | 20.38   | 20.17      | 1.02    | ppb   |
| Barium     | 137-1 | 20.28   | 20.21   | 20.27   | 20.25      | 0.21    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.02    | 0.02       | 27.67   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.61    | 4.47    | 4.00    | 4.36       | 7.39    | ppb   |
| Boron      | 11-1  | 4.76    | 4.65    | 4.21    | 4.54       | 6.36    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.06   | -0.08   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.60   | -1.06   | -1.18   | -0.95      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.02    | 0.06    | 0.04       | 69.11   | ppb   |
| Calcium    | 43-1  | 5260.50 | 5269.57 | 5336.83 | 5288.97    | 0.79    | ppb   |
| Calcium    | 44-1  | 5366.36 | 5340.96 | 5425.06 | 5377.46    | 0.80    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.02    | 0.04    | 0.04       | 40.12   | ppb   |
| Cobalt     | 59-2  | 0.11    | 0.11    | 0.10    | 0.11       | 5.38    | ppb   |
| Copper     | 63-2  | 1125.66 | 1114.20 | 1095.45 | 1111.77    | 1.37    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 161.74  | 136.96  | 137.82  | 145.51     | 9.67    | ppb   |
| Iron       | 57-2  | 147.89  | 145.25  | 142.16  | 145.10     | 1.98    | ppb   |
| Lead       | 206-1 | 1.30    | 1.33    | 1.36    | 1.33       | 2.02    | ppb   |
| Lead       | 207-1 | 1.26    | 1.28    | 1.29    | 1.28       | 1.19    | ppb   |
| Lead       | 208-1 | 1.29    | 1.28    | 1.30    | 1.29       | 0.87    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1246.97 | 1227.06 | 1221.14 | 1231.72    | 1.10    | ppb   |
| Manganese  | 55-2  | 66.97   | 66.28   | 65.67   | 66.31      | 0.98    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-32 Instrumnet Name : P7  
 Client Sample ID : DC24741-32-BS-CL102-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:17:43 DataFile Name : 059SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.07     | 0.08     | 0.07     | 0.07       | 8.06    | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.01     | 0.02     | 0.02       | 28.40   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.03     | 0.04     | 0.03       | 19.78   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03     | 0.02     | 0.03       | 20.44   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.02     | 0.03       | 18.31   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.55     | 0.59     | 0.59     | 0.58       | 3.88    | ppb   |
| Phosphorus | 31-2  | 773.04   | 811.96   | 785.49   | 790.16     | 2.52    | ppb   |
| Potassium  | 39-2  | 511.61   | 505.08   | 498.54   | 505.08     | 1.29    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.02    | 0.22     | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.45     | 0.50     | 0.77     | 0.57       | 30.28   | ppb   |
| Selenium   | 82-1  | 1.10     | 0.47     | 0.87     | 0.81       | 39.14   | ppb   |
| Silicon    | 28-1  | 1020.04  | 1009.31  | 1029.54  | 1019.63    | 0.99    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.01     | 0.00       | 59.84   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 23.12   | ppb   |
| Sodium     | 23-2  | 10431.51 | 10306.71 | 10259.72 | 10332.65   | 0.86    | ppb   |
| Strontium  | 86-1  | 18.25    | 18.56    | 18.40    | 18.40      | 0.82    | ppb   |
| Strontium  | 88-1  | 18.29    | 18.45    | 18.67    | 18.47      | 1.04    | ppb   |
| Sulfur     | 34-1  | 165.17   | 226.11   | 279.75   | 223.68     | 25.63   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02     | 0.01       | 24.13   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 21.87   | ppb   |
| Tin        | 118-1 | 1.17     | 1.19     | 1.16     | 1.18       | 1.31    | ppb   |
| Titanium   | 47-1  | 1.15     | 0.86     | 0.85     | 0.95       | 18.02   | ppb   |
| Uranium    | 238-1 | 0.06     | 0.05     | 0.05     | 0.05       | 4.85    | ppb   |
| Vanadium   | 51-2  | 0.10     | 0.10     | 0.12     | 0.11       | 8.09    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 32.06    | 32.28    | 31.12    | 31.82      | 1.94    | ppb   |
| Zirconium  | 90-1  | 0.10     | 0.10     | 0.10     | 0.10       | 3.31    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-32              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-32-BS-CL102-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:17:43   | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.10    | 0.10    | 0.09    | 0.10       | 5.31    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-33 Instrumnet Name : P7  
 Client Sample ID : DC24741-33-FL1-BRW-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:21:07 DataFile Name : 060SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.28    | 8.52    | 9.64    | 8.81       | 8.24    | ppb   |
| Antimony   | 121-1 | 0.14    | 0.12    | 0.12    | 0.13       | 6.46    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.24    | 0.29    | 0.27       | 10.49   | ppb   |
| Barium     | 135-1 | 16.62   | 16.69   | 16.39   | 16.57      | 0.94    | ppb   |
| Barium     | 137-1 | 16.60   | 16.93   | 16.65   | 16.73      | 1.06    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.43    | 4.27    | 4.03    | 4.24       | 4.72    | ppb   |
| Boron      | 11-1  | 4.12    | 4.52    | 4.25    | 4.29       | 4.74    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.04    | -0.04   | 0.01       | 483.04  | ppb   |
| Cadmium    | 106-1 | 0.12    | 0.29    | -0.75   | -0.11      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.05    | 0.12    | 0.08       | 42.53   | ppb   |
| Calcium    | 43-1  | 4929.70 | 4856.27 | 4911.04 | 4899.00    | 0.78    | ppb   |
| Calcium    | 44-1  | 4959.50 | 4916.87 | 4998.41 | 4958.26    | 0.82    | ppb   |
| Chromium   | 52-2  | 0.14    | 0.11    | 0.15    | 0.13       | 14.59   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 8.63    | ppb   |
| Copper     | 63-2  | 157.90  | 156.88  | 162.37  | 159.05     | 1.83    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.65   | 20.97   | 24.72   | 22.45      | 8.90    | ppb   |
| Iron       | 57-2  | 24.56   | 26.14   | 29.54   | 26.75      | 9.51    | ppb   |
| Lead       | 206-1 | 1.68    | 1.71    | 1.65    | 1.68       | 1.82    | ppb   |
| Lead       | 207-1 | 1.62    | 1.62    | 1.59    | 1.61       | 1.05    | ppb   |
| Lead       | 208-1 | 1.65    | 1.65    | 1.64    | 1.65       | 0.52    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1104.41 | 1110.08 | 1145.44 | 1119.97    | 1.99    | ppb   |
| Manganese  | 55-2  | 11.01   | 11.22   | 11.39   | 11.21      | 1.73    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-33-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:21:07  | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.03     | 0.03       | 4.79    | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03    | 0.03     | 0.03       | 7.12    | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.02    | 0.02     | 0.02       | 23.42   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.03    | 0.03     | 0.03       | 6.10    | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.03    | 0.02     | 0.03       | 27.00   | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 1.52    | 1.61    | 1.59     | 1.57       | 3.11    | ppb   |
| Phosphorus | 31-2  | 637.10  | 711.74  | 654.46   | 667.77     | 5.85    | ppb   |
| Potassium  | 39-2  | 476.99  | 474.36  | 489.92   | 480.43     | 1.73    | ppb   |
| Rhodium    | 103-1 |         |         |          |            |         | %     |
| Rhodium    | 103-2 |         |         |          |            |         | %     |
| Scandium   | 45-1  |         |         |          |            |         | %     |
| Scandium   | 45-2  |         |         |          |            |         | %     |
| Selenium   | 77-2  | -0.02   | -0.27   | 0.49     | 0.07       | 548.34  | ppb   |
| Selenium   | 78-2  | 0.49    | 0.03    | 0.42     | 0.31       | 78.80   | ppb   |
| Selenium   | 82-1  | 0.20    | 0.43    | 0.78     | 0.47       | 61.94   | ppb   |
| Silicon    | 28-1  | 973.44  | 960.27  | 1005.16  | 979.62     | 2.36    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02     | 0.02       | 6.40    | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.02     | 0.02       | 25.49   | ppb   |
| Sodium     | 23-2  | 9817.50 | 9830.84 | 10170.87 | 9939.74    | 2.01    | ppb   |
| Strontium  | 86-1  | 17.36   | 17.29   | 17.27    | 17.30      | 0.28    | ppb   |
| Strontium  | 88-1  | 17.53   | 17.65   | 17.42    | 17.53      | 0.66    | ppb   |
| Sulfur     | 34-1  | 128.68  | 87.44   | 196.78   | 137.63     | 40.12   | ppb   |
| Terbium    | 159-1 |         |         |          |            |         | %     |
| Terbium    | 159-2 |         |         |          |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.02     | 0.02       | 27.87   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01     | 0.01       | 13.34   | ppb   |
| Tin        | 118-1 | 0.01    | 0.01    | 0.01     | 0.01       | 37.71   | ppb   |
| Titanium   | 47-1  | 0.30    | 0.39    | 0.26     | 0.32       | 19.94   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.00     | 0.00       | 32.70   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.06     | 0.05       | 11.97   | ppb   |
| Yttrium    | 89-1  |         |         |          |            |         | %     |
| Yttrium    | 89-2  |         |         |          |            |         | %     |
| Zinc       | 66-2  | 155.22  | 156.16  | 160.64   | 157.34     | 1.84    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03     | 0.03       | 3.76    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-33-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:21:07  | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 19.45   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-34 Instrumnet Name : P7  
 Client Sample ID : DC24741-34-FL1-BRW-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:24:31 DataFile Name : 061SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.84    | 8.11    | 8.22    | 8.73       | 11.11   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 3.59    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.30    | 0.27    | 0.29       | 6.96    | ppb   |
| Barium     | 135-1 | 16.03   | 15.94   | 16.43   | 16.14      | 1.61    | ppb   |
| Barium     | 137-1 | 16.26   | 16.29   | 16.35   | 16.30      | 0.27    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | 0.00    | 0.01       | 78.08   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.25    | 3.73    | 3.79    | 3.92       | 7.32    | ppb   |
| Boron      | 11-1  | 4.28    | 4.29    | 4.55    | 4.37       | 3.41    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.04   | 0.01    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.32   | -0.59   | 0.14    | -0.26      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.04    | -0.01   | 0.03       | 111.32  | ppb   |
| Calcium    | 43-1  | 4890.14 | 4900.06 | 4899.13 | 4896.44    | 0.11    | ppb   |
| Calcium    | 44-1  | 4978.34 | 4943.47 | 4912.61 | 4944.81    | 0.67    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.01    | 0.01    | 0.02       | 52.93   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 25.80   | ppb   |
| Copper     | 63-2  | 25.24   | 25.55   | 25.21   | 25.33      | 0.75    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 25.41   | 25.25   | 23.81   | 24.82      | 3.55    | ppb   |
| Iron       | 57-2  | 29.69   | 30.47   | 28.45   | 29.54      | 3.45    | ppb   |
| Lead       | 206-1 | 0.38    | 0.42    | 0.38    | 0.39       | 4.86    | ppb   |
| Lead       | 207-1 | 0.37    | 0.38    | 0.40    | 0.38       | 3.11    | ppb   |
| Lead       | 208-1 | 0.39    | 0.39    | 0.39    | 0.39       | 0.78    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1119.87 | 1127.34 | 1121.53 | 1122.91    | 0.35    | ppb   |
| Manganese  | 55-2  | 13.89   | 14.24   | 13.97   | 14.03      | 1.33    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-34-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:24:31  | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.02     | 0.03     | 0.02       | 28.17   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.02     | 0.02     | 0.02       | 31.39   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.02     | 0.02       | 4.41    | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.01     | 0.04     | 0.03       | 65.61   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.03     | 0.03       | 10.15   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.30     | 0.37     | 0.30     | 0.32       | 12.07   | ppb   |
| Phosphorus | 31-2  | 623.67   | 656.02   | 738.05   | 672.58     | 8.77    | ppb   |
| Potassium  | 39-2  | 490.40   | 487.93   | 489.68   | 489.34     | 0.26    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.23     | 0.23     | -0.02    | 0.15       | 96.77   | ppb   |
| Selenium   | 78-2  | 0.85     | 0.12     | 0.41     | 0.46       | 79.54   | ppb   |
| Selenium   | 82-1  | 0.46     | 0.45     | 0.13     | 0.34       | 53.42   | ppb   |
| Silicon    | 28-1  | 1000.30  | 983.93   | 984.91   | 989.71     | 0.93    | ppb   |
| Silver     | 109-1 | 0.01     | 0.00     | 0.00     | 0.01       | 47.35   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.00     | 0.01       | 41.99   | ppb   |
| Sodium     | 23-2  | 10097.86 | 10245.83 | 10077.10 | 10140.26   | 0.91    | ppb   |
| Strontium  | 86-1  | 17.60    | 17.31    | 16.83    | 17.24      | 2.26    | ppb   |
| Strontium  | 88-1  | 17.47    | 17.58    | 17.31    | 17.45      | 0.77    | ppb   |
| Sulfur     | 34-1  | 284.19   | 250.96   | 167.14   | 234.09     | 25.77   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.01     | 0.01       | 10.72   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 19.14   | ppb   |
| Tin        | 118-1 | -0.03    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.29     | 0.40     | 0.30     | 0.33       | 19.38   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 20.49   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06     | 0.07     | 0.06       | 16.97   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 20.81    | 20.45    | 20.32    | 20.53      | 1.24    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03     | 0.02     | 0.03       | 7.96    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-34-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:24:31  | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.02    | 0.04    | 0.04       | 29.65   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-35 Instrumnet Name : P7  
 Client Sample ID : DC24741-35-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:27:56 DataFile Name : 062SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.26    | 7.99    | 7.28    | 8.18       | 12.27   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.06    | 0.07       | 6.83    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.30    | 0.26    | 0.28       | 7.83    | ppb   |
| Barium     | 135-1 | 16.58   | 16.28   | 16.01   | 16.29      | 1.76    | ppb   |
| Barium     | 137-1 | 16.66   | 16.43   | 16.27   | 16.45      | 1.18    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.00    | 0.01       | 36.73   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.86    | 4.55    | 4.60    | 4.33       | 9.53    | ppb   |
| Boron      | 11-1  | 4.34    | 4.46    | 4.76    | 4.52       | 4.82    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.05   | -0.03   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.23   | -0.85   | -0.41   | -0.50      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.02    | 0.11    | 0.07       | 64.90   | ppb   |
| Calcium    | 43-1  | 4863.17 | 4854.07 | 4835.23 | 4850.82    | 0.29    | ppb   |
| Calcium    | 44-1  | 4877.84 | 4902.48 | 4905.02 | 4895.12    | 0.31    | ppb   |
| Chromium   | 52-2  | 0.07    | 0.03    | 0.07    | 0.06       | 43.62   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 12.22   | ppb   |
| Copper     | 63-2  | 74.84   | 75.14   | 76.05   | 75.34      | 0.84    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.45   | 22.03   | 31.07   | 24.85      | 21.71   | ppb   |
| Iron       | 57-2  | 27.96   | 25.65   | 27.32   | 26.98      | 4.41    | ppb   |
| Lead       | 206-1 | 1.58    | 1.56    | 1.50    | 1.55       | 2.72    | ppb   |
| Lead       | 207-1 | 1.50    | 1.45    | 1.41    | 1.45       | 3.35    | ppb   |
| Lead       | 208-1 | 1.55    | 1.50    | 1.48    | 1.51       | 2.59    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1100.36 | 1109.27 | 1119.08 | 1109.57    | 0.84    | ppb   |
| Manganese  | 55-2  | 13.41   | 13.34   | 13.61   | 13.45      | 1.06    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-35             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-35-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:27:56  | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.03     | 0.02       | 4.64    | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02    | 0.03     | 0.02       | 38.17   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.02     | 0.02       | 11.30   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.03    | 0.03     | 0.03       | 26.08   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.02     | 0.02       | 5.82    | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 2.41    | 2.43    | 2.38     | 2.41       | 0.91    | ppb   |
| Phosphorus | 31-2  | 694.38  | 668.10  | 677.96   | 680.15     | 1.95    | ppb   |
| Potassium  | 39-2  | 479.96  | 479.82  | 492.84   | 484.21     | 1.54    | ppb   |
| Rhodium    | 103-1 |         |         |          |            |         | %     |
| Rhodium    | 103-2 |         |         |          |            |         | %     |
| Scandium   | 45-1  |         |         |          |            |         | %     |
| Scandium   | 45-2  |         |         |          |            |         | %     |
| Selenium   | 77-2  | -0.02   | -0.27   | -0.27    | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.35    | 0.35    | 0.32     | 0.34       | 5.03    | ppb   |
| Selenium   | 82-1  | 0.10    | 0.54    | 0.12     | 0.25       | 99.39   | ppb   |
| Silicon    | 28-1  | 978.16  | 1003.11 | 986.85   | 989.37     | 1.28    | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.02     | 0.01       | 32.84   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01     | 0.01       | 10.29   | ppb   |
| Sodium     | 23-2  | 9857.27 | 9898.21 | 10011.95 | 9922.48    | 0.81    | ppb   |
| Strontium  | 86-1  | 17.17   | 17.21   | 17.02    | 17.13      | 0.58    | ppb   |
| Strontium  | 88-1  | 17.55   | 17.21   | 17.31    | 17.36      | 1.01    | ppb   |
| Sulfur     | 34-1  | 307.11  | 438.69  | 455.11   | 400.30     | 20.27   | ppb   |
| Terbium    | 159-1 |         |         |          |            |         | %     |
| Terbium    | 159-2 |         |         |          |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01     | 0.02       | 26.00   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01     | 0.01       | 13.11   | ppb   |
| Tin        | 118-1 | 0.00    | -0.01   | 0.01     | 0.00       | 343.62  | ppb   |
| Titanium   | 47-1  | 0.30    | 0.35    | 0.30     | 0.32       | 8.38    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.00     | 0.00       | 24.57   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.05     | 0.06       | 3.39    | ppb   |
| Yttrium    | 89-1  |         |         |          |            |         | %     |
| Yttrium    | 89-2  |         |         |          |            |         | %     |
| Zinc       | 66-2  | 73.77   | 72.78   | 74.96    | 73.84      | 1.48    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03     | 0.03       | 4.75    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-35             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-35-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:27:56  | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.01    | 0.03       | 49.67   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-36 Instrumnet Name : P7  
 Client Sample ID : DC24741-36-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:31:20 DataFile Name : 063SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.35    | 7.64    | 6.39    | 6.79       | 10.78   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.04    | 0.04       | 10.84   | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.29    | 0.25    | 0.25       | 17.27   | ppb   |
| Barium     | 135-1 | 16.09   | 15.95   | 16.16   | 16.07      | 0.66    | ppb   |
| Barium     | 137-1 | 16.09   | 16.27   | 15.87   | 16.08      | 1.26    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 137.58  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.98    | 4.45    | 4.16    | 4.20       | 5.56    | ppb   |
| Boron      | 11-1  | 4.43    | 4.19    | 4.76    | 4.46       | 6.46    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.09   | -0.03   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.20   | -1.27   | -0.49   | -0.65      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.09    | -0.01   | 0.04       | 139.97  | ppb   |
| Calcium    | 43-1  | 4795.13 | 4805.02 | 4914.15 | 4838.10    | 1.37    | ppb   |
| Calcium    | 44-1  | 4912.35 | 4918.09 | 4937.95 | 4922.80    | 0.27    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.03    | 0.01    | 0.02       | 55.94   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 18.13   | ppb   |
| Copper     | 63-2  | 18.02   | 17.90   | 17.98   | 17.97      | 0.34    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 26.17   | 24.41   | 24.48   | 25.02      | 3.98    | ppb   |
| Iron       | 57-2  | 30.69   | 29.38   | 30.19   | 30.08      | 2.21    | ppb   |
| Lead       | 206-1 | 0.15    | 0.14    | 0.15    | 0.15       | 4.03    | ppb   |
| Lead       | 207-1 | 0.14    | 0.15    | 0.15    | 0.15       | 3.11    | ppb   |
| Lead       | 208-1 | 0.15    | 0.14    | 0.15    | 0.15       | 2.73    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1130.15 | 1110.38 | 1124.28 | 1121.60    | 0.91    | ppb   |
| Manganese  | 55-2  | 13.82   | 13.94   | 13.74   | 13.83      | 0.74    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-36 Instrumnet Name : P7  
 Client Sample ID : DC24741-36-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:31:20 DataFile Name : 063SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03    | 0.02     | 0.03       | 25.29   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.01    | 0.02     | 0.02       | 31.75   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.02    | 0.03     | 0.03       | 22.78   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02    | 0.04     | 0.02       | 56.74   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02    | 0.03     | 0.03       | 15.65   | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 0.60     | 0.66    | 0.64     | 0.63       | 4.12    | ppb   |
| Phosphorus | 31-2  | 714.56   | 678.48  | 646.38   | 679.81     | 5.02    | ppb   |
| Potassium  | 39-2  | 490.29   | 490.26  | 489.97   | 490.17     | 0.04    | ppb   |
| Rhodium    | 103-1 |          |         |          |            |         | %     |
| Rhodium    | 103-2 |          |         |          |            |         | %     |
| Scandium   | 45-1  |          |         |          |            |         | %     |
| Scandium   | 45-2  |          |         |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | 0.47    | -0.02    | 0.06       | 599.57  | ppb   |
| Selenium   | 78-2  | 0.15     | 0.75    | 0.15     | 0.35       | 98.25   | ppb   |
| Selenium   | 82-1  | 0.34     | 0.18    | 0.39     | 0.30       | 35.33   | ppb   |
| Silicon    | 28-1  | 995.31   | 998.19  | 998.44   | 997.31     | 0.17    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00    | 0.01     | 0.00       | 31.23   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00    | 0.01     | 0.00       | 41.92   | ppb   |
| Sodium     | 23-2  | 10144.00 | 9934.44 | 10068.21 | 10048.88   | 1.06    | ppb   |
| Strontium  | 86-1  | 17.61    | 17.48   | 17.08    | 17.39      | 1.59    | ppb   |
| Strontium  | 88-1  | 17.49    | 17.46   | 17.38    | 17.44      | 0.33    | ppb   |
| Sulfur     | 34-1  | 369.95   | 464.78  | 491.12   | 441.95     | 14.42   | ppb   |
| Terbium    | 159-1 |          |         |          |            |         | %     |
| Terbium    | 159-2 |          |         |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02    | 0.02     | 0.02       | 12.57   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.01     | 0.01       | 11.48   | ppb   |
| Tin        | 118-1 | -0.07    | -0.06   | -0.05    | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.31     | 0.32    | 0.29     | 0.31       | 5.79    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00    | 0.01     | 0.01       | 28.64   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06    | 0.05     | 0.05       | 12.10   | ppb   |
| Yttrium    | 89-1  |          |         |          |            |         | %     |
| Yttrium    | 89-2  |          |         |          |            |         | %     |
| Zinc       | 66-2  | 16.63    | 16.38   | 16.39    | 16.47      | 0.87    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03    | 0.03     | 0.03       | 1.61    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-36             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-36-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:31:20  | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.03    | 0.03       | 21.47   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV69               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV69               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:34:43 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.66    | 8.04    | 8.96    | 8.55       | 5.48    | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 2.51    | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.00    | 0.00       | 200.43  | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.01    | 0.00       | 134.97  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.86    | 0.60    | 0.42    | 0.62       | 35.58   | ppb   |
| Boron      | 11-1  | 0.62    | 0.80    | 0.65    | 0.69       | 14.68   | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.02   | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.00    | -0.38   | -0.65   | -0.34      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.05    | 0.02    | 0.05       | 45.46   | ppb   |
| Calcium    | 43-1  | 8.73    | 9.11    | 9.68    | 9.18       | 5.22    | ppb   |
| Calcium    | 44-1  | 11.68   | 12.42   | 12.61   | 12.24      | 4.04    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.00    | -0.02   | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.05    | 0.04    | 0.04       | 32.41   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.57    | 0.63    | 0.60    | 0.60       | 5.18    | ppb   |
| Iron       | 57-2  | 0.55    | 0.41    | 0.16    | 0.37       | 51.86   | ppb   |
| Lead       | 206-1 | 524.22  | 519.71  | 526.64  | 523.52     | 0.67    | ppb   |
| Lead       | 207-1 | 519.01  | 518.32  | 524.12  | 520.48     | 0.61    | ppb   |
| Lead       | 208-1 | 523.46  | 522.79  | 524.70  | 523.65     | 0.19    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.01   | 0.09    | 0.42    | 0.17       | 133.77  | ppb   |
| Manganese  | 55-2  | 0.03    | 0.01    | 0.01    | 0.02       | 67.06   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV69               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV69               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:34:43 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.00    | 0.00       | 133.63   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | -0.01   | 0.00       |          | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.01    | 0.00       | 11729.08 | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.01    | 0.00    | 0.01       | 96.21    | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.00    | 0.01       | 55.67    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | 0.02    | 0.01    | 0.00    | 0.01       | 82.65    | ppb   |
| Phosphorus | 31-2  | -5.34   | -1.98   | -8.55   | -5.29      |          | ppb   |
| Potassium  | 39-2  | 0.83    | 1.29    | 4.75    | 2.29       | 93.76    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |          | %     |
| Rhodium    | 103-2 |         |         |         |            |          | %     |
| Scandium   | 45-1  |         |         |         |            |          | %     |
| Scandium   | 45-2  |         |         |         |            |          | %     |
| Selenium   | 77-2  | 0.25    | -0.27   | -0.27   | -0.09      |          | ppb   |
| Selenium   | 78-2  | 0.56    | -0.42   | 1.43    | 0.52       | 175.60   | ppb   |
| Selenium   | 82-1  | 0.70    | 0.86    | -0.31   | 0.42       | 152.41   | ppb   |
| Silicon    | 28-1  | 0.81    | 0.70    | 2.17    | 1.23       | 67.01    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 37.91    | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 96.25    | ppb   |
| Sodium     | 23-2  | 24.19   | 24.12   | 23.10   | 23.80      | 2.57     | ppb   |
| Strontium  | 86-1  | 0.00    | 0.04    | 0.04    | 0.03       | 76.99    | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |          | ppb   |
| Sulfur     | 34-1  | -649.12 | -556.20 | -537.32 | -580.88    |          | ppb   |
| Terbium    | 159-1 |         |         |         |            |          | %     |
| Terbium    | 159-2 |         |         |         |            |          | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.55    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.01    | 0.01       | 17.99    | ppb   |
| Tin        | 118-1 | -0.02   | -0.03   | -0.02   | -0.03      |          | ppb   |
| Titanium   | 47-1  | 0.04    | 0.03    | 0.04    | 0.04       | 10.53    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 573.77   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.00    | 0.01       | 49.95    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |          | %     |
| Yttrium    | 89-2  |         |         |         |            |          | %     |
| Zinc       | 66-2  | 0.34    | 0.29    | 0.38    | 0.34       | 14.13    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.00    | 0.01       | 34.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV69               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV69               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:34:43 | DataFile Name :   | 064SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.01    | 0.00       | 67.65   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB69               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB69               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:38:08 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.27   | 0.05    | -0.24   | -0.15      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.01    | 0.00       | 46.99   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Barium     | 135-1 | 0.02    | 0.00    | 0.01    | 0.01       | 85.38   | ppb   |
| Barium     | 137-1 | 0.02    | 0.02    | 0.01    | 0.02       | 32.90   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.30    | 0.35    | 0.42    | 0.36       | 17.34   | ppb   |
| Boron      | 11-1  | 0.26    | 0.56    | 0.52    | 0.45       | 35.86   | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.34   | -0.71   | -0.78   | -0.61      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.03    | 0.07    | 0.02       | 178.71  | ppb   |
| Calcium    | 43-1  | 1.17    | -1.56   | -0.72   | -0.37      |         | ppb   |
| Calcium    | 44-1  | 3.40    | 2.36    | 3.76    | 3.18       | 22.85   | ppb   |
| Chromium   | 52-2  | 0.00    | 0.01    | 0.00    | 0.00       | 223.87  | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.00    | 0.00    | 0.01       | 157.97  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.06    | 0.00    | 0.08    | 0.05       | 81.93   | ppb   |
| Iron       | 57-2  | -0.40   | 0.66    | 0.02    | 0.09       | 569.62  | ppb   |
| Lead       | 206-1 | 0.04    | 0.03    | 0.04    | 0.04       | 10.67   | ppb   |
| Lead       | 207-1 | 0.03    | 0.04    | 0.03    | 0.04       | 14.88   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 4.20    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.04    | -0.04   | 0.14    | 0.05       | 194.10  | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | 1090.60 | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB69               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB69               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:38:08 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -1.86   | -3.53   | -6.94   | -4.11      |         | ppb   |
| Potassium  | 39-2  | 1.25    | 2.26    | 1.11    | 1.54       | 40.68   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.01   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.33    | 0.53    | 0.23    | 0.36       | 42.05   | ppb   |
| Selenium   | 82-1  | 0.08    | 0.37    | 0.04    | 0.16       | 108.92  | ppb   |
| Silicon    | 28-1  | -1.21   | -0.93   | -0.92   | -1.02      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 554.94  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 25.93   | ppb   |
| Sodium     | 23-2  | 22.68   | 21.94   | 22.21   | 22.28      | 1.67    | ppb   |
| Strontium  | 86-1  | 0.06    | -0.02   | 0.03    | 0.02       | 150.95  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 121.12  | ppb   |
| Sulfur     | 34-1  | -487.31 | -537.91 | -552.66 | -525.96    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.01    | 0.01       | 10.01   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 18.62   | ppb   |
| Tin        | 118-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Titanium   | 47-1  | -0.01   | 0.01    | -0.03   | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 115.34  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.05   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB69               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB69               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:38:08 | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.00    | 0.00       | 139.93  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101367BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101367BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:41:34 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | -0.43   | -0.39   | 0.02    | -0.27      |          | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.01    | 0.00       | 56.94    | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.01   | 0.00    | 0.00       |          | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | -0.01   | -0.01      |          | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |          | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |          | ppb   |
| Bismuth    | 209-1 |         |         |         |            |          | %     |
| Bismuth    | 209-2 |         |         |         |            |          | %     |
| Boron      | 10-1  | 0.40    | 0.17    | 0.59    | 0.38       | 55.06    | ppb   |
| Boron      | 11-1  | 0.27    | 0.30    | 0.46    | 0.34       | 29.06    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.03   | -0.07   | -0.04      |          | ppb   |
| Cadmium    | 106-1 | -0.38   | -0.44   | -0.96   | -0.59      |          | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.01    | 0.00    | 0.00       | 85160.24 | ppb   |
| Calcium    | 43-1  | -0.25   | 0.96    | 0.64    | 0.45       | 138.92   | ppb   |
| Calcium    | 44-1  | 3.36    | 3.37    | 3.90    | 3.54       | 8.81     | ppb   |
| Chromium   | 52-2  | 0.01    | -0.01   | 0.01    | 0.00       | 325.92   | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |          | ppb   |
| Copper     | 63-2  | 0.02    | 0.00    | 0.04    | 0.02       | 79.98    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         |            |          | %     |
| Holmium    | 165-2 |         |         |         |            |          | %     |
| Indium     | 115-1 |         |         |         |            |          | %     |
| Indium     | 115-2 |         |         |         |            |          | %     |
| Iron       | 56-2  | 0.11    | 0.12    | 0.08    | 0.11       | 19.26    | ppb   |
| Iron       | 57-2  | -0.59   | -0.34   | 0.23    | -0.23      |          | ppb   |
| Lead       | 206-1 | 0.03    | 0.04    | 0.04    | 0.03       | 18.82    | ppb   |
| Lead       | 207-1 | 0.03    | 0.02    | 0.02    | 0.02       | 25.37    | ppb   |
| Lead       | 208-1 | 0.02    | 0.03    | 0.03    | 0.03       | 10.02    | ppb   |
| Lithium    | 6-1   |         |         |         |            |          | %     |
| Magnesium  | 24-2  | 0.21    | -0.02   | 0.30    | 0.16       | 98.61    | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | 247.89   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101367BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101367BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:41:34 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -9.13   | -14.01  | -4.29   | -9.14      |         | ppb   |
| Potassium  | 39-2  | -0.42   | 2.61    | -1.08   | 0.37       | 534.03  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.01   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.44    | 0.24    | 0.72    | 0.46       | 52.05   | ppb   |
| Selenium   | 82-1  | 0.06    | 0.69    | 0.28    | 0.34       | 92.15   | ppb   |
| Silicon    | 28-1  | -0.43   | -0.39   | -0.18   | -0.33      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 183.65  | ppb   |
| Sodium     | 23-2  | 22.13   | 21.43   | 21.49   | 21.68      | 1.81    | ppb   |
| Strontium  | 86-1  | 0.02    | 0.04    | 0.02    | 0.03       | 36.97   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 223.88  | ppb   |
| Sulfur     | 34-1  | -472.22 | -452.21 | -430.50 | -451.64    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 10.91   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 0.77    | ppb   |
| Tin        | 118-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 221.42  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.01    | -0.02   | 0.00    | 0.00       |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101367BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101367BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:41:34 | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101367BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101367BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:45:00 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | 2.61    | 2.51    | 2.69    | 2.60       | 3.49     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.01    | 0.01       | 30.63    | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.02    | 0.01    | 0.01       | 38.48    | ppb   |
| Barium     | 135-1 | 0.01    | 0.00    | -0.01   | 0.00       | 13323.90 | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 18.11    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |          | ppb   |
| Bismuth    | 209-1 |         |         |         |            |          | %     |
| Bismuth    | 209-2 |         |         |         |            |          | %     |
| Boron      | 10-1  | 0.34    | 0.46    | 0.15    | 0.32       | 50.03    | ppb   |
| Boron      | 11-1  | 0.38    | 0.38    | 0.33    | 0.36       | 8.33     | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.01   | -0.02   | -0.03      |          | ppb   |
| Cadmium    | 106-1 | -0.73   | -0.10   | -0.24   | -0.35      |          | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.01    | 0.04    | 0.02       | 85.53    | ppb   |
| Calcium    | 43-1  | 19.10   | 17.37   | 16.11   | 17.53      | 8.56     | ppb   |
| Calcium    | 44-1  | 18.20   | 19.70   | 20.38   | 19.43      | 5.76     | ppb   |
| Chromium   | 52-2  | 0.00    | 0.03    | 0.03    | 0.02       | 79.15    | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |          | ppb   |
| Copper     | 63-2  | 0.02    | 0.02    | 0.02    | 0.02       | 7.86     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         |            |          | %     |
| Holmium    | 165-2 |         |         |         |            |          | %     |
| Indium     | 115-1 |         |         |         |            |          | %     |
| Indium     | 115-2 |         |         |         |            |          | %     |
| Iron       | 56-2  | 0.76    | 0.73    | 0.77    | 0.75       | 3.13     | ppb   |
| Iron       | 57-2  | 0.32    | 0.61    | 0.42    | 0.45       | 33.14    | ppb   |
| Lead       | 206-1 | 518.66  | 530.41  | 522.24  | 523.77     | 1.15     | ppb   |
| Lead       | 207-1 | 518.96  | 507.68  | 505.92  | 510.85     | 1.38     | ppb   |
| Lead       | 208-1 | 519.23  | 521.93  | 515.92  | 519.03     | 0.58     | ppb   |
| Lithium    | 6-1   |         |         |         |            |          | %     |
| Magnesium  | 24-2  | 0.58    | 0.78    | 0.50    | 0.62       | 23.12    | ppb   |
| Manganese  | 55-2  | 0.05    | 0.07    | 0.07    | 0.06       | 16.81    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101367BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101367BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:45:00 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | 142.03  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | 2922.37 | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.00    | 0.01    | 0.01       | 71.17   | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.01    | 0.01       | 9.85    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.02    | 0.03    | 0.02       | 106.40  | ppb   |
| Phosphorus | 31-2  | -7.64   | -7.19   | 4.56    | -3.42      |         | ppb   |
| Potassium  | 39-2  | 1.09    | 3.17    | 3.49    | 2.58       | 50.37   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.01   | -0.27   | -0.01   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.02    | 0.47    | -0.01   | 0.16       | 165.55  | ppb   |
| Selenium   | 82-1  | 0.72    | 0.63    | 1.17    | 0.84       | 34.35   | ppb   |
| Silicon    | 28-1  | -0.70   | -0.62   | -0.24   | -0.52      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 31.73   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 31.88   | ppb   |
| Sodium     | 23-2  | 21.54   | 20.45   | 22.23   | 21.41      | 4.19    | ppb   |
| Strontium  | 86-1  | 0.04    | 0.02    | 0.01    | 0.03       | 53.28   | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -473.51 | -446.43 | -371.17 | -430.37    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 31.01   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 18.63   | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.02    | 0.02    | 0.01    | 0.02       | 44.32   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 70.70   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.05    | 1.11    | 1.19    | 1.12       | 6.01    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.01    | 0.01    | 0.01       | 8.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101367BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101367BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:45:00 | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.01    | 0.01    | 0.00       | 254.04  | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-01 Instrumnet Name : P7  
 Client Sample ID : DC24741-38-FL1-CL205I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:48:25 DataFile Name : 068SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.76    | 7.77    | 8.14    | 7.55       | 9.43    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.04    | 0.05       | 13.40   | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.25    | 0.28    | 0.28       | 10.83   | ppb   |
| Barium     | 135-1 | 15.95   | 16.05   | 15.91   | 15.97      | 0.43    | ppb   |
| Barium     | 137-1 | 15.78   | 16.10   | 15.96   | 15.95      | 0.99    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.01    | 0.01       | 54.88   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.11    | 3.87    | 3.53    | 3.50       | 10.80   | ppb   |
| Boron      | 11-1  | 4.07    | 4.13    | 4.09    | 4.10       | 0.70    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.00    | -0.35   | -0.20   | -0.18      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.05    | 0.05    | 0.04       | 41.08   | ppb   |
| Calcium    | 43-1  | 4906.42 | 4753.16 | 4978.87 | 4879.48    | 2.36    | ppb   |
| Calcium    | 44-1  | 4990.64 | 4857.60 | 5040.70 | 4962.98    | 1.91    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.03    | 0.03    | 0.03       | 11.82   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.02    | 0.01       | 26.04   | ppb   |
| Copper     | 63-2  | 30.03   | 29.99   | 30.63   | 30.22      | 1.19    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.55   | 22.19   | 21.63   | 22.12      | 2.11    | ppb   |
| Iron       | 57-2  | 24.19   | 28.36   | 27.93   | 26.83      | 8.54    | ppb   |
| Lead       | 206-1 | 0.67    | 0.65    | 0.67    | 0.66       | 1.96    | ppb   |
| Lead       | 207-1 | 0.61    | 0.60    | 0.65    | 0.62       | 3.82    | ppb   |
| Lead       | 208-1 | 0.63    | 0.61    | 0.65    | 0.63       | 3.00    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1124.33 | 1113.15 | 1134.02 | 1123.84    | 0.93    | ppb   |
| Manganese  | 55-2  | 13.98   | 14.03   | 14.00   | 14.01      | 0.17    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-38-FL1-CL205I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:48:25   | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.04    | 0.04       | 5.59    | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.02    | 0.02    | 0.02       | 21.36   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.03    | 0.03    | 0.02       | 61.74   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.03    | 0.03    | 0.02       | 18.91   | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.02    | 0.03    | 0.02       | 28.30   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 7.00    | 6.93    | 6.97    | 6.97       | 0.51    | ppb   |
| Phosphorus | 31-2  | 625.55  | 609.70  | 664.88  | 633.37     | 4.49    | ppb   |
| Potassium  | 39-2  | 462.61  | 462.63  | 476.86  | 467.37     | 1.76    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.56    | -0.75   | 0.36    | 0.06       | 1245.68 | ppb   |
| Selenium   | 82-1  | 0.16    | 0.76    | 0.03    | 0.32       | 124.53  | ppb   |
| Silicon    | 28-1  | 1015.35 | 959.18  | 1015.51 | 996.68     | 3.26    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 30.81   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 132.87  | ppb   |
| Sodium     | 23-2  | 9770.22 | 9822.54 | 9948.57 | 9847.11    | 0.93    | ppb   |
| Strontium  | 86-1  | 16.89   | 16.70   | 17.30   | 16.96      | 1.81    | ppb   |
| Strontium  | 88-1  | 17.07   | 17.17   | 17.62   | 17.28      | 1.68    | ppb   |
| Sulfur     | 34-1  | 471.23  | 290.90  | 619.15  | 460.43     | 35.70   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 9.89    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.00   | ppb   |
| Tin        | 118-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.35    | 0.32    | 0.32    | 0.33       | 5.34    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 2.22    | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.05    | 0.05       | 2.91    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 105.05  | 106.23  | 106.40  | 105.89     | 0.69    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.04    | 0.04    | 0.04       | 11.05   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-38-FL1-CL205I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:48:25   | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.05    | 0.05    | 0.06       | 15.49   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-02 Instrumnet Name : P7  
 Client Sample ID : DC24741-39-FL1-CL205I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:51:49 DataFile Name : 069SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.71    | 4.76    | 6.43    | 5.64       | 14.84   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 1.81    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.28    | 0.29    | 0.27       | 11.26   | ppb   |
| Barium     | 135-1 | 15.46   | 15.55   | 16.30   | 15.77      | 2.91    | ppb   |
| Barium     | 137-1 | 15.43   | 16.02   | 16.00   | 15.82      | 2.11    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.01    | 0.01       | 47.79   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.55    | 4.30    | 3.96    | 3.94       | 9.48    | ppb   |
| Boron      | 11-1  | 4.15    | 4.10    | 4.45    | 4.23       | 4.50    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.03   | -0.05   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.12   | -0.38   | -0.72   | -0.41      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.01    | 0.05    | 0.02       | 112.85  | ppb   |
| Calcium    | 43-1  | 4812.84 | 4907.61 | 5081.90 | 4934.12    | 2.77    | ppb   |
| Calcium    | 44-1  | 4884.48 | 4993.92 | 5136.66 | 5005.02    | 2.53    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.06    | 0.02    | 0.03       | 70.43   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 13.74   | ppb   |
| Copper     | 63-2  | 23.36   | 23.04   | 23.46   | 23.29      | 0.93    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.65   | 23.10   | 23.31   | 23.35      | 1.19    | ppb   |
| Iron       | 57-2  | 29.99   | 29.31   | 29.16   | 29.49      | 1.51    | ppb   |
| Lead       | 206-1 | 0.15    | 0.16    | 0.17    | 0.16       | 6.59    | ppb   |
| Lead       | 207-1 | 0.15    | 0.16    | 0.17    | 0.16       | 6.07    | ppb   |
| Lead       | 208-1 | 0.15    | 0.16    | 0.17    | 0.16       | 5.43    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1138.38 | 1123.79 | 1127.94 | 1130.04    | 0.66    | ppb   |
| Manganese  | 55-2  | 14.92   | 14.85   | 14.93   | 14.90      | 0.30    | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-39-FL1-CL205I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:51:49   | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03    | 0.02    | 0.02       | 15.67   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.01    | 0.01    | 0.01       | 30.72   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.02    | 0.02    | 0.01       | 38.48   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03    | 0.03    | 0.03       | 14.27   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03    | 0.02    | 0.02       | 25.51   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.37     | 0.37    | 0.33    | 0.36       | 7.53    | ppb   |
| Phosphorus | 31-2  | 701.45   | 676.20  | 668.58  | 682.08     | 2.52    | ppb   |
| Potassium  | 39-2  | 488.43   | 480.82  | 487.39  | 485.55     | 0.85    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.02   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.16     | 0.27    | 0.47    | 0.30       | 50.75   | ppb   |
| Selenium   | 82-1  | 0.75     | 0.51    | 0.15    | 0.47       | 64.20   | ppb   |
| Silicon    | 28-1  | 976.50   | 1000.46 | 1022.35 | 999.77     | 2.29    | ppb   |
| Silver     | 109-1 | 0.00     | 0.01    | 0.00    | 0.00       | 88.57   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00    | 0.00    | 0.00       | 64.35   | ppb   |
| Sodium     | 23-2  | 10042.96 | 9903.90 | 9952.14 | 9966.33    | 0.71    | ppb   |
| Strontium  | 86-1  | 17.06    | 17.16   | 17.83   | 17.35      | 2.41    | ppb   |
| Strontium  | 88-1  | 17.25    | 17.39   | 17.55   | 17.40      | 0.85    | ppb   |
| Sulfur     | 34-1  | 463.98   | 647.71  | 889.61  | 667.10     | 32.00   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01    | 0.02    | 0.01       | 14.43   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.01    | 0.01       | 18.76   | ppb   |
| Tin        | 118-1 | -0.03    | -0.04   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.30     | 0.39    | 0.39    | 0.36       | 13.93   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01    | 0.01    | 0.01       | 20.03   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06    | 0.05    | 0.05       | 10.35   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 11.31    | 11.05   | 11.04   | 11.13      | 1.37    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.03    | 0.04    | 0.03       | 21.46   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-39-FL1-CL205I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:51:49   | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.03    | 0.04       | 16.02   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-03 Instrumnet Name : P7  
 Client Sample ID : DC24741-40-FL1-CL205, Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:55:12 DataFile Name : 070SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.85    | 6.58    | 9.13    | 7.85       | 16.24   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.06    | 0.05    | 0.05       | 10.37   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.29    | 0.26    | 0.28       | 4.58    | ppb   |
| Barium     | 135-1 | 15.84   | 15.71   | 15.67   | 15.74      | 0.54    | ppb   |
| Barium     | 137-1 | 15.89   | 15.78   | 15.49   | 15.72      | 1.30    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | 355.45  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.74    | 3.98    | 3.85    | 3.86       | 3.11    | ppb   |
| Boron      | 11-1  | 4.48    | 4.30    | 4.22    | 4.33       | 3.05    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.02   | -0.04   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.00    | -0.34   | -0.55   | -0.30      |         | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.15    | 0.23    | 0.16       | 44.12   | ppb   |
| Calcium    | 43-1  | 4997.40 | 4949.01 | 4718.42 | 4888.28    | 3.05    | ppb   |
| Calcium    | 44-1  | 5021.94 | 4996.81 | 4772.25 | 4930.33    | 2.79    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.02    | 0.02       | 24.55   | ppb   |
| Copper     | 63-2  | 70.19   | 69.32   | 69.20   | 69.57      | 0.78    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 20.50   | 20.20   | 20.42   | 20.37      | 0.74    | ppb   |
| Iron       | 57-2  | 24.24   | 26.45   | 26.19   | 25.63      | 4.71    | ppb   |
| Lead       | 206-1 | 0.91    | 0.90    | 0.87    | 0.90       | 2.15    | ppb   |
| Lead       | 207-1 | 0.82    | 0.86    | 0.81    | 0.83       | 3.21    | ppb   |
| Lead       | 208-1 | 0.87    | 0.88    | 0.84    | 0.86       | 2.29    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1118.85 | 1116.46 | 1103.86 | 1113.06    | 0.72    | ppb   |
| Manganese  | 55-2  | 13.37   | 13.52   | 13.36   | 13.41      | 0.68    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-40-FL1-CL205, | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:55:12   | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.03    | 0.03    | 0.03       | 11.30   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.01    | 0.02    | 0.01       | 36.39   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.03    | 0.02    | 0.02       | 19.35   | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.02    | 0.03    | 0.02       | 54.19   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.03    | 0.01    | 0.02       | 44.32   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.64    | 2.59    | 2.60    | 2.61       | 0.94    | ppb   |
| Phosphorus | 31-2  | 522.08  | 524.40  | 528.08  | 524.85     | 0.58    | ppb   |
| Potassium  | 39-2  | 489.66  | 486.39  | 484.65  | 486.90     | 0.52    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02   | 0.23    | 0.23    | 0.15       | 96.33   | ppb   |
| Selenium   | 78-2  | 1.11    | -0.28   | -0.25   | 0.19       | 406.27  | ppb   |
| Selenium   | 82-1  | 0.77    | 0.37    | 0.52    | 0.55       | 36.66   | ppb   |
| Silicon    | 28-1  | 995.48  | 995.61  | 945.70  | 978.93     | 2.94    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 29.04   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 47.00   | ppb   |
| Sodium     | 23-2  | 9954.55 | 9879.61 | 9860.73 | 9898.30    | 0.50    | ppb   |
| Strontium  | 86-1  | 17.07   | 17.07   | 16.57   | 16.90      | 1.70    | ppb   |
| Strontium  | 88-1  | 17.51   | 17.40   | 16.93   | 17.28      | 1.79    | ppb   |
| Sulfur     | 34-1  | 620.00  | 532.09  | 279.37  | 477.15     | 37.06   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.02    | 0.01       | 18.41   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.69   | ppb   |
| Tin        | 118-1 | -0.07   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.35    | 0.32    | 0.31    | 0.33       | 6.96    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 19.40   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.06    | 0.05       | 9.32    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 700.95  | 705.06  | 696.93  | 700.98     | 0.58    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 10.38   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-40-FL1-CL205, | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:55:12   | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 30.84   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-04 Instrumnet Name : P7  
 Client Sample ID : DC24741-41-FL1-CL205, Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:58:36 DataFile Name : 071SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.81    | 6.30    | 6.84    | 6.32       | 8.10    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.06    | 0.05    | 0.05       | 15.65   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.30    | 0.23    | 0.27       | 13.31   | ppb   |
| Barium     | 135-1 | 15.87   | 16.31   | 16.17   | 16.12      | 1.41    | ppb   |
| Barium     | 137-1 | 16.46   | 16.14   | 15.92   | 16.18      | 1.66    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.63    | 3.66    | 4.33    | 3.87       | 10.20   | ppb   |
| Boron      | 11-1  | 4.37    | 4.39    | 4.21    | 4.32       | 2.28    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.01   | -0.06   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.43   | -0.18   | -0.83   | -0.48      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.05    | 0.06    | 0.06       | 15.16   | ppb   |
| Calcium    | 43-1  | 4930.96 | 4935.59 | 4945.59 | 4937.38    | 0.15    | ppb   |
| Calcium    | 44-1  | 4988.70 | 4996.19 | 4996.53 | 4993.81    | 0.09    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.02    | 0.02    | 0.01       | 115.67  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 30.06   | ppb   |
| Copper     | 63-2  | 60.76   | 61.14   | 60.69   | 60.86      | 0.39    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.11   | 22.01   | 21.76   | 22.30      | 3.21    | ppb   |
| Iron       | 57-2  | 24.50   | 27.89   | 25.60   | 26.00      | 6.65    | ppb   |
| Lead       | 206-1 | 0.16    | 0.19    | 0.17    | 0.17       | 6.91    | ppb   |
| Lead       | 207-1 | 0.17    | 0.16    | 0.16    | 0.16       | 2.56    | ppb   |
| Lead       | 208-1 | 0.16    | 0.17    | 0.17    | 0.17       | 3.00    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1129.84 | 1113.35 | 1114.59 | 1119.26    | 0.82    | ppb   |
| Manganese  | 55-2  | 13.06   | 13.19   | 12.95   | 13.06      | 0.92    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-41-FL1-CL205, | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:58:36   | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.02     | 0.03     | 0.03       | 9.73    | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.01     | 0.01     | 0.02       | 54.62   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.02     | 0.02     | 0.02       | 36.92   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.01     | 0.02     | 0.02       | 52.49   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 17.26   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.33     | 0.26     | 0.29     | 0.29       | 11.56   | ppb   |
| Phosphorus | 31-2  | 668.48   | 682.23   | 637.75   | 662.82     | 3.44    | ppb   |
| Potassium  | 39-2  | 483.23   | 485.84   | 486.32   | 485.13     | 0.34    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.02    | -0.02    | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.40     | 0.16     | 0.25     | 0.27       | 45.52   | ppb   |
| Selenium   | 82-1  | 0.44     | 0.80     | 0.77     | 0.67       | 30.00   | ppb   |
| Silicon    | 28-1  | 1001.68  | 1001.01  | 986.44   | 996.38     | 0.86    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 16.05   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.00     | 0.01       | 28.27   | ppb   |
| Sodium     | 23-2  | 10172.85 | 10143.98 | 10117.75 | 10144.86   | 0.27    | ppb   |
| Strontium  | 86-1  | 17.11    | 17.18    | 17.33    | 17.21      | 0.62    | ppb   |
| Strontium  | 88-1  | 17.48    | 17.44    | 17.50    | 17.47      | 0.18    | ppb   |
| Sulfur     | 34-1  | 422.64   | 571.52   | 507.50   | 500.55     | 14.92   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.01     | 0.02       | 30.71   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 28.20   | ppb   |
| Tin        | 118-1 | -0.07    | -0.06    | -0.06    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.32     | 8.57     | 0.48     | 3.12       | 151.15  | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 21.38   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05     | 0.05     | 0.05       | 3.98    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 29.56    | 30.31    | 29.54    | 29.80      | 1.46    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.03     | 0.03       | 16.82   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-41-FL1-CL205, | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:58:36   | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.03    | 0.03       | 28.43   | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-05 Instrumnet Name : P7  
 Client Sample ID : DC24741-42-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:02:01 DataFile Name : 072SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.15    | 5.46    | 29.22   | 13.61      | 99.37   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.08    | 0.08    | 0.07       | 9.15    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.25    | 0.31    | 0.27       | 11.43   | ppb   |
| Barium     | 135-1 | 16.72   | 16.86   | 16.60   | 16.72      | 0.78    | ppb   |
| Barium     | 137-1 | 16.63   | 17.04   | 16.71   | 16.79      | 1.31    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 272.95  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.80    | 4.27    | 4.46    | 4.18       | 8.12    | ppb   |
| Boron      | 11-1  | 4.04    | 4.45    | 4.33    | 4.27       | 4.92    | ppb   |
| Cadmium    | 111-1 | -0.04   | 0.00    | -0.07   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.72   | -0.12   | -1.05   | -0.63      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.05    | 0.07    | 0.05       | 29.31   | ppb   |
| Calcium    | 43-1  | 5020.65 | 4909.06 | 4870.45 | 4933.39    | 1.58    | ppb   |
| Calcium    | 44-1  | 5009.69 | 5021.54 | 4990.62 | 5007.28    | 0.31    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.02    | 0.02    | 0.02       | 38.19   | ppb   |
| Copper     | 63-2  | 75.26   | 76.01   | 75.50   | 75.59      | 0.50    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.12   | 23.55   | 23.01   | 22.90      | 3.15    | ppb   |
| Iron       | 57-2  | 26.63   | 29.39   | 30.27   | 28.76      | 6.59    | ppb   |
| Lead       | 206-1 | 0.99    | 0.97    | 0.95    | 0.97       | 2.15    | ppb   |
| Lead       | 207-1 | 0.94    | 0.87    | 0.89    | 0.90       | 4.08    | ppb   |
| Lead       | 208-1 | 0.94    | 0.93    | 0.93    | 0.93       | 0.99    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1124.54 | 1127.37 | 1127.50 | 1126.47    | 0.15    | ppb   |
| Manganese  | 55-2  | 14.41   | 14.37   | 14.16   | 14.32      | 0.95    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-05 Instrumnet Name : P7  
 Client Sample ID : DC24741-42-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:02:01 DataFile Name : 072SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.03     | 0.02       | 19.59   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.02     | 0.02       | 13.55   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.01     | 0.02       | 27.18   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.01     | 0.03     | 0.02       | 41.71   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.01     | 0.02       | 28.62   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.38     | 1.40     | 1.47     | 1.41       | 3.45    | ppb   |
| Phosphorus | 31-2  | 604.75   | 630.42   | 679.15   | 638.11     | 5.92    | ppb   |
| Potassium  | 39-2  | 528.63   | 531.48   | 538.60   | 532.90     | 0.96    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | 0.24     | -0.27    | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.05     | 0.69     | 0.39     | 0.38       | 83.77   | ppb   |
| Selenium   | 82-1  | 0.17     | 0.30     | 0.40     | 0.29       | 39.68   | ppb   |
| Silicon    | 28-1  | 1007.36  | 993.16   | 1000.08  | 1000.20    | 0.71    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 22.35   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.01     | 0.01       | 26.86   | ppb   |
| Sodium     | 23-2  | 10044.85 | 10112.84 | 10019.92 | 10059.20   | 0.48    | ppb   |
| Strontium  | 86-1  | 17.68    | 17.57    | 17.31    | 17.52      | 1.08    | ppb   |
| Strontium  | 88-1  | 17.85    | 17.69    | 17.66    | 17.73      | 0.58    | ppb   |
| Sulfur     | 34-1  | 547.63   | 567.97   | 550.27   | 555.29     | 1.99    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.01     | 0.01       | 41.09   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 4.85    | ppb   |
| Tin        | 118-1 | -0.07    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.39     | 0.33     | 0.30     | 0.34       | 13.68   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00     | 0.01     | 0.01       | 35.90   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.04     | 0.05     | 0.05       | 9.50    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 142.42   | 143.88   | 141.96   | 142.76     | 0.70    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03     | 0.03     | 0.03       | 3.40    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-42-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:02:01  | DataFile Name :   | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.03    | 0.03       | 10.01   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-06 Instrumnet Name : P7  
 Client Sample ID : DC24741-43-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:05:25 DataFile Name : 073SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.03    | 6.38    | 7.21    | 6.20       | 17.74   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.04    | 0.04       | 10.86   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.31    | 0.30    | 0.29       | 8.44    | ppb   |
| Barium     | 135-1 | 15.66   | 16.35   | 16.21   | 16.07      | 2.26    | ppb   |
| Barium     | 137-1 | 16.40   | 16.04   | 15.99   | 16.14      | 1.37    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.01    | 0.01       | 130.21  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.64    | 4.02    | 3.77    | 3.81       | 5.13    | ppb   |
| Boron      | 11-1  | 4.22    | 4.35    | 4.53    | 4.36       | 3.58    | ppb   |
| Cadmium    | 111-1 | -0.03   | 0.02    | 0.03    | 0.01       | 443.04  | ppb   |
| Cadmium    | 106-1 | -0.43   | 0.18    | 0.38    | 0.04       | 1020.16 | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.05    | 0.02    | 0.02       | 125.41  | ppb   |
| Calcium    | 43-1  | 4929.19 | 4911.93 | 4951.06 | 4930.73    | 0.40    | ppb   |
| Calcium    | 44-1  | 5014.06 | 4965.11 | 4996.27 | 4991.81    | 0.50    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | -0.03   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 31.13   | ppb   |
| Copper     | 63-2  | 50.95   | 51.57   | 50.95   | 51.16      | 0.71    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.46   | 22.35   | 22.45   | 22.75      | 2.70    | ppb   |
| Iron       | 57-2  | 26.38   | 25.72   | 29.51   | 27.20      | 7.44    | ppb   |
| Lead       | 206-1 | 0.13    | 0.14    | 0.13    | 0.13       | 5.80    | ppb   |
| Lead       | 207-1 | 0.13    | 0.13    | 0.12    | 0.13       | 6.64    | ppb   |
| Lead       | 208-1 | 0.12    | 0.13    | 0.13    | 0.13       | 1.46    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1130.72 | 1133.08 | 1129.24 | 1131.01    | 0.17    | ppb   |
| Manganese  | 55-2  | 13.24   | 13.13   | 13.14   | 13.17      | 0.47    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-06 Instrumnet Name : P7  
 Client Sample ID : DC24741-43-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:05:25 DataFile Name : 073SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03     | 0.03     | 0.03       | 10.74   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.02     | 0.02       | 21.46   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.02     | 0.02       | 0.82    | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.04     | 0.03     | 0.03       | 55.12   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 21.38   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.32     | 0.29     | 0.31     | 0.31       | 5.40    | ppb   |
| Phosphorus | 31-2  | 700.63   | 719.32   | 711.55   | 710.50     | 1.32    | ppb   |
| Potassium  | 39-2  | 500.05   | 495.21   | 486.46   | 493.91     | 1.39    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | 0.72     | -0.02    | 0.15       | 349.97  | ppb   |
| Selenium   | 78-2  | 0.31     | 0.07     | 0.25     | 0.21       | 57.83   | ppb   |
| Selenium   | 82-1  | 0.27     | 0.16     | 0.30     | 0.25       | 30.51   | ppb   |
| Silicon    | 28-1  | 996.57   | 996.46   | 1005.62  | 999.55     | 0.53    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 17.79   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.00     | 0.00       | 50.58   | ppb   |
| Sodium     | 23-2  | 10302.09 | 10242.75 | 10274.73 | 10273.19   | 0.29    | ppb   |
| Strontium  | 86-1  | 17.25    | 17.43    | 17.51    | 17.40      | 0.75    | ppb   |
| Strontium  | 88-1  | 17.41    | 17.48    | 17.58    | 17.49      | 0.48    | ppb   |
| Sulfur     | 34-1  | 563.55   | 621.44   | 674.67   | 619.89     | 8.97    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.01     | 0.01       | 25.51   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 17.70   | ppb   |
| Tin        | 118-1 | -0.07    | -0.06    | -0.07    | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.29     | 0.29     | 0.31     | 0.30       | 3.09    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.00     | 0.01       | 27.38   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06     | 0.05     | 0.05       | 6.25    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 11.49    | 11.63    | 11.01    | 11.37      | 2.87    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03     | 0.03     | 0.03       | 8.77    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-43-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:05:25  | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.03    | 0.02       | 30.05   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-07 Instrumnet Name : P7  
 Client Sample ID : DC24741-44-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:08:50 DataFile Name : 074SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 570.61  | 569.09  | 563.47  | 567.73     | 0.66    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.07    | 0.06       | 10.95   | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.18    | 0.22    | 0.21       | 11.65   | ppb   |
| Barium     | 135-1 | 13.54   | 13.56   | 13.66   | 13.59      | 0.49    | ppb   |
| Barium     | 137-1 | 13.76   | 13.89   | 13.84   | 13.83      | 0.44    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.02    | 0.01       | 117.71  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.26    | 5.23    | 6.20    | 5.56       | 9.94    | ppb   |
| Boron      | 11-1  | 5.31    | 5.43    | 5.52    | 5.42       | 1.91    | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.02    | 0.03    | 0.01       | 241.06  | ppb   |
| Cadmium    | 106-1 | -1.00   | -0.60   | -0.50   | -0.70      |         | ppb   |
| Cadmium    | 108-1 | 0.16    | 0.13    | 0.16    | 0.15       | 10.23   | ppb   |
| Calcium    | 43-1  | 4963.40 | 4819.24 | 4915.77 | 4899.47    | 1.50    | ppb   |
| Calcium    | 44-1  | 5040.78 | 4913.08 | 4908.11 | 4953.99    | 1.52    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.03   | -0.05   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.11    | 0.10    | 0.11    | 0.11       | 3.70    | ppb   |
| Copper     | 63-2  | 182.50  | 184.73  | 182.96  | 183.40     | 0.64    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 29.01   | 29.04   | 29.91   | 29.32      | 1.76    | ppb   |
| Iron       | 57-2  | 33.51   | 33.15   | 34.70   | 33.79      | 2.41    | ppb   |
| Lead       | 206-1 | 0.91    | 0.87    | 0.89    | 0.89       | 2.06    | ppb   |
| Lead       | 207-1 | 0.83    | 0.82    | 0.82    | 0.82       | 0.69    | ppb   |
| Lead       | 208-1 | 0.86    | 0.85    | 0.85    | 0.85       | 1.03    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1153.08 | 1169.74 | 1169.32 | 1164.05    | 0.82    | ppb   |
| Manganese  | 55-2  | 12.33   | 12.41   | 12.19   | 12.31      | 0.93    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-44-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:08:50   | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.03     | 0.03     | 0.02       | 36.46   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.03     | 0.02       | 32.12   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.02     | 0.02       | 17.94   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.02     | 0.01     | 0.02       | 17.35   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02     | 0.03     | 0.03       | 18.08   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.57     | 4.46     | 4.46     | 4.50       | 1.44    | ppb   |
| Phosphorus | 31-2  | 391.08   | 392.74   | 391.82   | 391.88     | 0.21    | ppb   |
| Potassium  | 39-2  | 489.86   | 505.51   | 501.21   | 498.86     | 1.62    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.02    | -0.02    | -0.27    | -0.10      |         | ppb   |
| Selenium   | 78-2  | -0.03    | 0.21     | 0.26     | 0.15       | 107.74  | ppb   |
| Selenium   | 82-1  | -0.24    | 0.51     | 0.00     | 0.09       | 411.07  | ppb   |
| Silicon    | 28-1  | 1035.56  | 1011.78  | 997.73   | 1015.03    | 1.88    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 28.33   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.00     | 0.01       | 51.66   | ppb   |
| Sodium     | 23-2  | 10219.52 | 10219.03 | 10168.07 | 10202.21   | 0.29    | ppb   |
| Strontium  | 86-1  | 17.27    | 17.14    | 17.72    | 17.37      | 1.75    | ppb   |
| Strontium  | 88-1  | 17.38    | 17.42    | 17.70    | 17.50      | 1.01    | ppb   |
| Sulfur     | 34-1  | 687.15   | 517.80   | 494.51   | 566.49     | 18.56   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 8.95    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.02     | 0.01       | 19.73   | ppb   |
| Tin        | 118-1 | 0.54     | 0.60     | 0.59     | 0.58       | 5.22    | ppb   |
| Titanium   | 47-1  | 0.31     | 0.28     | 0.21     | 0.27       | 18.66   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 37.97   | ppb   |
| Vanadium   | 51-2  | 0.10     | 0.11     | 0.09     | 0.10       | 8.28    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 543.75   | 548.21   | 547.37   | 546.44     | 0.43    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.03     | 0.02       | 23.04   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-44-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:08:50   | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 8.16    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-08 Instrumnet Name : P7  
 Client Sample ID : DC24741-45-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:12:14 DataFile Name : 075SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 432.71  | 443.26  | 438.68  | 438.22     | 1.21    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.06    | 0.05    | 0.05       | 18.31   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.28    | 0.21    | 0.25       | 13.97   | ppb   |
| Barium     | 135-1 | 13.16   | 12.77   | 13.42   | 13.12      | 2.50    | ppb   |
| Barium     | 137-1 | 12.81   | 12.68   | 13.26   | 12.92      | 2.36    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.50    | 5.79    | 4.98    | 5.42       | 7.58    | ppb   |
| Boron      | 11-1  | 5.56    | 5.25    | 5.66    | 5.49       | 3.91    | ppb   |
| Cadmium    | 111-1 | 0.01    | 0.00    | 0.04    | 0.02       | 151.67  | ppb   |
| Cadmium    | 106-1 | -0.04   | -0.26   | 0.50    | 0.06       | 611.10  | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.12    | 0.07    | 0.08       | 45.75   | ppb   |
| Calcium    | 43-1  | 4879.08 | 4687.44 | 4826.92 | 4797.81    | 2.07    | ppb   |
| Calcium    | 44-1  | 4871.52 | 4730.78 | 4849.63 | 4817.31    | 1.57    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.03    | 0.03    | 0.03       | 37.78   | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.08    | 0.08    | 0.08       | 6.49    | ppb   |
| Copper     | 63-2  | 118.85  | 119.75  | 118.23  | 118.94     | 0.65    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 24.99   | 24.69   | 23.54   | 24.41      | 3.12    | ppb   |
| Iron       | 57-2  | 28.31   | 32.10   | 27.40   | 29.27      | 8.50    | ppb   |
| Lead       | 206-1 | 0.33    | 0.33    | 0.33    | 0.33       | 0.72    | ppb   |
| Lead       | 207-1 | 0.35    | 0.32    | 0.32    | 0.33       | 5.65    | ppb   |
| Lead       | 208-1 | 0.35    | 0.33    | 0.33    | 0.34       | 3.22    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1136.32 | 1138.47 | 1128.44 | 1134.41    | 0.47    | ppb   |
| Manganese  | 55-2  | 11.58   | 11.52   | 11.59   | 11.57      | 0.33    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-45-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:12:14   | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.02    | 0.02       | 20.07   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.01     | 0.01    | 0.01       | 1.67    | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.02    | 0.02       | 6.74    | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.03     | 0.03    | 0.03       | 19.33   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02     | 0.03    | 0.02       | 11.06   | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 1.08     | 1.08     | 0.99    | 1.05       | 4.62    | ppb   |
| Phosphorus | 31-2  | 479.17   | 445.31   | 421.30  | 448.59     | 6.48    | ppb   |
| Potassium  | 39-2  | 488.77   | 492.81   | 482.57  | 488.05     | 1.06    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | -0.02    | 0.23     | -0.27   | -0.02      |         | ppb   |
| Selenium   | 78-2  | -0.29    | 0.00     | 0.75    | 0.15       | 350.06  | ppb   |
| Selenium   | 82-1  | 0.56     | -0.05    | 0.04    | 0.19       | 178.02  | ppb   |
| Silicon    | 28-1  | 1020.84  | 986.83   | 1006.76 | 1004.81    | 1.70    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.01    | 0.00       | 14.59   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00    | 0.00       | 70.90   | ppb   |
| Sodium     | 23-2  | 10072.12 | 10184.38 | 9969.69 | 10075.40   | 1.07    | ppb   |
| Strontium  | 86-1  | 16.85    | 16.49    | 17.25   | 16.86      | 2.27    | ppb   |
| Strontium  | 88-1  | 17.18    | 16.86    | 17.42   | 17.15      | 1.63    | ppb   |
| Sulfur     | 34-1  | 513.45   | 465.95   | 563.38  | 514.26     | 9.47    | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.01    | 0.02       | 16.97   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01    | 0.01       | 12.96   | ppb   |
| Tin        | 118-1 | 0.51     | 0.42     | 0.44    | 0.45       | 10.23   | ppb   |
| Titanium   | 47-1  | 0.25     | 0.25     | 0.25    | 0.25       | 0.81    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.11     | 0.10     | 0.09    | 0.10       | 8.79    | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 63.16    | 63.46    | 62.35   | 62.99      | 0.92    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.03     | 0.03    | 0.03       | 14.97   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-45-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:12:14   | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.03    | 0.02       | 32.91   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV70               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV70               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:15:38 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.30    | 2.23    | 1.88    | 2.47       | 30.01   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 7.66    | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.01    | 0.00       | 34.45   | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | 0.01    | -0.01      |         | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 858.56  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.46    | 0.69    | 0.65    | 0.60       | 20.57   | ppb   |
| Boron      | 11-1  | 0.69    | 0.66    | 0.62    | 0.65       | 5.44    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.76   | -0.54   | -0.23   | -0.51      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | -0.01   | 0.05    | 0.03       | 104.85  | ppb   |
| Calcium    | 43-1  | 12.20   | 10.81   | 13.46   | 12.16      | 10.88   | ppb   |
| Calcium    | 44-1  | 13.87   | 13.03   | 14.23   | 13.71      | 4.51    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.03   | 0.00    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 480.90  | ppb   |
| Copper     | 63-2  | 0.03    | 0.01    | 0.03    | 0.02       | 43.37   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.55    | 0.54    | 0.53    | 0.54       | 2.05    | ppb   |
| Iron       | 57-2  | 0.29    | 0.26    | 0.28    | 0.28       | 5.15    | ppb   |
| Lead       | 206-1 | 517.14  | 515.11  | 528.63  | 520.29     | 1.40    | ppb   |
| Lead       | 207-1 | 515.52  | 512.06  | 525.40  | 517.66     | 1.34    | ppb   |
| Lead       | 208-1 | 518.39  | 515.14  | 526.63  | 520.05     | 1.14    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.15    | 0.14    | 0.00    | 0.10       | 86.23   | ppb   |
| Manganese  | 55-2  | 0.02    | 0.02    | 0.01    | 0.02       | 27.00   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV70               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV70               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:15:38 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | 25186.50 | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | 0.00    | 0.00       | 153.82   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.00    | 0.00       | 109.35   | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.01    | 0.00       | 462.95   | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | 19.54    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | 0.01    | 0.01    | 0.02    | 0.01       | 58.09    | ppb   |
| Phosphorus | 31-2  | -5.83   | -12.58  | -1.01   | -6.48      |          | ppb   |
| Potassium  | 39-2  | 3.59    | 1.04    | -1.15   | 1.16       | 203.90   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |          | %     |
| Rhodium    | 103-2 |         |         |         |            |          | %     |
| Scandium   | 45-1  |         |         |         |            |          | %     |
| Scandium   | 45-2  |         |         |         |            |          | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | 0.00    | -0.18      |          | ppb   |
| Selenium   | 78-2  | 0.00    | 0.43    | 0.25    | 0.23       | 95.00    | ppb   |
| Selenium   | 82-1  | 0.26    | 0.31    | -0.19   | 0.13       | 220.75   | ppb   |
| Silicon    | 28-1  | -1.59   | -0.94   | 0.27    | -0.75      |          | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 38.10    | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 57.73    | ppb   |
| Sodium     | 23-2  | 24.54   | 22.73   | 22.73   | 23.33      | 4.47     | ppb   |
| Strontium  | 86-1  | 0.04    | 0.00    | 0.02    | 0.02       | 111.55   | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |          | ppb   |
| Sulfur     | 34-1  | -524.53 | -422.05 | -277.17 | -407.92    |          | ppb   |
| Terbium    | 159-1 |         |         |         |            |          | %     |
| Terbium    | 159-2 |         |         |         |            |          | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.02    | 0.02       | 21.84    | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.02    | 0.01       | 24.61    | ppb   |
| Tin        | 118-1 | -0.02   | -0.04   | -0.02   | -0.03      |          | ppb   |
| Titanium   | 47-1  | 0.03    | 0.03    | 0.00    | 0.02       | 72.84    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |          | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.00    | 0.01    | 0.01       | 20.69    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |          | %     |
| Yttrium    | 89-2  |         |         |         |            |          | %     |
| Zinc       | 66-2  | 0.39    | 0.36    | 0.37    | 0.37       | 4.47     | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.01    | 0.00    | 0.01       | 51.26    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV70               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV70               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:15:38 | DataFile Name :   | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.00    | 0.01       | 83.97   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB70               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB70               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:19:02 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | 0.32    | -0.27   | -0.05   | 0.00       | 40492.83 | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 42.81    | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | 0.00    | 0.00       | 233.05   | ppb   |
| Barium     | 135-1 | 0.01    | -0.01   | -0.01   | -0.01      |          | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | 0.01    | 0.00       | 1454.38  | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 294.78   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |          | %     |
| Bismuth    | 209-2 |         |         |         |            |          | %     |
| Boron      | 10-1  | 0.41    | 0.46    | 0.37    | 0.41       | 11.65    | ppb   |
| Boron      | 11-1  | 0.34    | 0.44    | 0.36    | 0.38       | 14.03    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.05   | -0.03   | -0.03      |          | ppb   |
| Cadmium    | 106-1 | -0.07   | -0.74   | -0.46   | -0.43      |          | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.02    | 0.04    | 0.02       | 114.84   | ppb   |
| Calcium    | 43-1  | -1.53   | 0.91    | -1.61   | -0.74      |          | ppb   |
| Calcium    | 44-1  | 3.54    | 2.57    | 3.36    | 3.16       | 16.47    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | 0.01    | 0.00       |          | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |          | ppb   |
| Copper     | 63-2  | 0.22    | 0.23    | 0.23    | 0.23       | 2.68     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         |            |          | %     |
| Holmium    | 165-2 |         |         |         |            |          | %     |
| Indium     | 115-1 |         |         |         |            |          | %     |
| Indium     | 115-2 |         |         |         |            |          | %     |
| Iron       | 56-2  | 0.08    | 0.06    | 0.03    | 0.06       | 40.43    | ppb   |
| Iron       | 57-2  | -0.28   | -0.17   | -0.43   | -0.29      |          | ppb   |
| Lead       | 206-1 | 0.03    | 0.04    | 0.04    | 0.04       | 12.29    | ppb   |
| Lead       | 207-1 | 0.05    | 0.03    | 0.05    | 0.04       | 26.49    | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 5.48     | ppb   |
| Lithium    | 6-1   |         |         |         |            |          | %     |
| Magnesium  | 24-2  | 0.22    | 0.07    | 0.12    | 0.13       | 56.86    | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | 140.63   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB70               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB70               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:19:02 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -11.02  | -2.53   | -13.96  | -9.17      |         | ppb   |
| Potassium  | 39-2  | 2.09    | 4.10    | -2.58   | 1.20       | 284.90  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.26    | -0.27   | -0.27   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.50    | 0.88    | 0.40    | 0.59       | 42.40   | ppb   |
| Selenium   | 82-1  | 0.10    | 0.29    | 0.29    | 0.23       | 47.05   | ppb   |
| Silicon    | 28-1  | -1.22   | -2.91   | -1.84   | -1.99      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 447.35  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 137.19  | ppb   |
| Sodium     | 23-2  | 22.13   | 22.40   | 22.22   | 22.25      | 0.63    | ppb   |
| Strontium  | 86-1  | 0.07    | 0.03    | 0.02    | 0.04       | 69.56   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -357.89 | -494.31 | -481.15 | -444.45    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.00    | 0.01    | 0.01       | 33.29   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 20.90   | ppb   |
| Tin        | 118-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | -0.03   | -0.04   | 0.01    | -0.02      |         | ppb   |
| Uranium    | 238-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 55.22   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.06    | 0.18    | 0.08    | 0.11       | 61.21   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB70               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB70               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:19:02 | DataFile Name :   | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | -0.01   | 0.00       | 827.93  | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-09 Instrumnet Name : P7  
 Client Sample ID : DC24741-46-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:22:28 DataFile Name : 078SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 247.71  | 244.96  | 248.24  | 246.97     | 0.71    | ppb   |
| Antimony   | 121-1 | 1.94    | 1.90    | 1.94    | 1.93       | 1.11    | ppb   |
| Arsenic    | 75-2  | 0.37    | 0.28    | 0.36    | 0.34       | 14.22   | ppb   |
| Barium     | 135-1 | 22.40   | 22.09   | 22.24   | 22.24      | 0.69    | ppb   |
| Barium     | 137-1 | 22.60   | 21.96   | 22.77   | 22.44      | 1.89    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.01    | 0.01       | 31.70   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.87    | 5.28    | 5.23    | 5.13       | 4.37    | ppb   |
| Boron      | 11-1  | 5.24    | 5.21    | 5.10    | 5.18       | 1.45    | ppb   |
| Cadmium    | 111-1 | 0.74    | 0.78    | 0.84    | 0.79       | 6.36    | ppb   |
| Cadmium    | 106-1 | 0.61    | 1.07    | 1.68    | 1.12       | 48.20   | ppb   |
| Cadmium    | 108-1 | 1.76    | 1.83    | 1.95    | 1.85       | 5.41    | ppb   |
| Calcium    | 43-1  | 6483.45 | 6567.74 | 6510.92 | 6520.70    | 0.66    | ppb   |
| Calcium    | 44-1  | 6533.51 | 6719.54 | 6692.46 | 6648.50    | 1.51    | ppb   |
| Chromium   | 52-2  | 6.49    | 6.41    | 6.51    | 6.47       | 0.84    | ppb   |
| Cobalt     | 59-2  | 0.88    | 0.88    | 0.92    | 0.90       | 2.10    | ppb   |
| Copper     | 63-2  | 537.62  | 538.62  | 544.17  | 540.14     | 0.65    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 198.05  | 195.71  | 198.29  | 197.35     | 0.72    | ppb   |
| Iron       | 57-2  | 202.49  | 201.84  | 206.83  | 203.72     | 1.33    | ppb   |
| Lead       | 206-1 | 16.34   | 16.28   | 16.02   | 16.22      | 1.04    | ppb   |
| Lead       | 207-1 | 15.04   | 14.98   | 14.84   | 14.95      | 0.68    | ppb   |
| Lead       | 208-1 | 15.69   | 15.63   | 15.52   | 15.61      | 0.57    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1289.93 | 1298.64 | 1315.40 | 1301.32    | 0.99    | ppb   |
| Manganese  | 55-2  | 145.63  | 146.70  | 148.26  | 146.86     | 0.90    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-46-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:22:28   | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06    | 0.07    | 0.08    | 0.07       | 11.86   | ppb   |
| Molybdenum | 95-1  | 0.08    | 0.08    | 0.09    | 0.08       | 6.55    | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.07    | 0.07    | 0.07       | 10.13   | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.09    | 0.11    | 0.09       | 26.19   | ppb   |
| Molybdenum | 98-1  | 0.11    | 0.10    | 0.09    | 0.10       | 6.82    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 917.91  | 913.84  | 922.76  | 918.17     | 0.49    | ppb   |
| Phosphorus | 31-2  | 206.22  | 224.04  | 226.08  | 218.78     | 4.99    | ppb   |
| Potassium  | 39-2  | 545.54  | 551.49  | 561.59  | 552.87     | 1.47    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.22    | -0.27   | 0.23    | 0.06       | 454.29  | ppb   |
| Selenium   | 78-2  | -0.19   | 0.63    | 0.39    | 0.28       | 150.45  | ppb   |
| Selenium   | 82-1  | 0.60    | 0.38    | -0.36   | 0.20       | 246.54  | ppb   |
| Silicon    | 28-1  | 1355.11 | 1376.23 | 1366.15 | 1365.83    | 0.77    | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.01    | 0.01       | 26.47   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 10.13   | ppb   |
| Sodium     | 23-2  | 9792.95 | 9768.14 | 9884.98 | 9815.35    | 0.63    | ppb   |
| Strontium  | 86-1  | 21.86   | 21.84   | 22.19   | 21.96      | 0.90    | ppb   |
| Strontium  | 88-1  | 22.34   | 22.16   | 22.40   | 22.30      | 0.57    | ppb   |
| Sulfur     | 34-1  | 570.47  | 740.11  | 767.38  | 692.65     | 15.40   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.04    | 0.04    | 0.05    | 0.04       | 11.25   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.04    | 0.05    | 0.04       | 6.37    | ppb   |
| Tin        | 118-1 | 0.95    | 0.93    | 0.98    | 0.95       | 2.40    | ppb   |
| Titanium   | 47-1  | 0.78    | 0.77    | 0.85    | 0.80       | 5.61    | ppb   |
| Uranium    | 238-1 | 0.02    | 0.01    | 0.02    | 0.02       | 7.75    | ppb   |
| Vanadium   | 51-2  | 0.14    | 0.12    | 0.11    | 0.12       | 11.28   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 5220.36 | 5199.25 | 5281.24 | 5233.62    | 0.81    | ppb   |
| Zirconium  | 90-1  | 0.07    | 0.06    | 0.07    | 0.06       | 5.94    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-46-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:22:28   | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.06    | 0.05    | 0.06       | 13.79   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-10 Instrumnet Name : P7  
 Client Sample ID : DC24741-47-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:25:51 DataFile Name : 079SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 28.39   | 24.89   | 30.69   | 27.99      | 10.44   | ppb   |
| Antimony   | 121-1 | 4.81    | 4.74    | 4.79    | 4.78       | 0.74    | ppb   |
| Arsenic    | 75-2  | 0.41    | 0.32    | 0.35    | 0.36       | 12.56   | ppb   |
| Barium     | 135-1 | 19.75   | 19.31   | 19.49   | 19.52      | 1.13    | ppb   |
| Barium     | 137-1 | 19.32   | 19.60   | 19.45   | 19.46      | 0.70    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.01    | 0.01       | 49.37   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.35    | 4.39    | 4.74    | 4.50       | 4.75    | ppb   |
| Boron      | 11-1  | 4.20    | 4.91    | 4.76    | 4.62       | 8.17    | ppb   |
| Cadmium    | 111-1 | 0.18    | 0.20    | 0.17    | 0.18       | 6.56    | ppb   |
| Cadmium    | 106-1 | 0.01    | 0.21    | 0.05    | 0.09       | 112.32  | ppb   |
| Cadmium    | 108-1 | 0.70    | 0.85    | 0.73    | 0.76       | 11.06   | ppb   |
| Calcium    | 43-1  | 5761.42 | 5758.53 | 5795.72 | 5771.89    | 0.36    | ppb   |
| Calcium    | 44-1  | 5926.92 | 5842.12 | 5836.03 | 5868.36    | 0.87    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.56    | 0.60    | 0.57    | 0.58       | 3.96    | ppb   |
| Copper     | 63-2  | 378.87  | 382.67  | 376.74  | 379.43     | 0.79    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 159.13  | 161.08  | 158.86  | 159.69     | 0.76    | ppb   |
| Iron       | 57-2  | 165.24  | 165.24  | 164.35  | 164.95     | 0.31    | ppb   |
| Lead       | 206-1 | 8.67    | 8.78    | 8.74    | 8.73       | 0.63    | ppb   |
| Lead       | 207-1 | 8.02    | 8.01    | 8.07    | 8.03       | 0.42    | ppb   |
| Lead       | 208-1 | 8.35    | 8.44    | 8.40    | 8.40       | 0.55    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1180.94 | 1215.42 | 1187.64 | 1194.67    | 1.53    | ppb   |
| Manganese  | 55-2  | 129.78  | 130.49  | 130.27  | 130.18     | 0.28    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-47-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:25:51   | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04    | 0.05    | 0.04    | 0.04       | 8.90    | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03    | 0.05    | 0.04       | 29.96   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.04    | 0.04    | 0.04       | 7.65    | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.06    | 0.04    | 0.05       | 18.89   | ppb   |
| Molybdenum | 98-1  | 0.05    | 0.05    | 0.08    | 0.06       | 30.08   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 840.35  | 844.89  | 827.62  | 837.62     | 1.07    | ppb   |
| Phosphorus | 31-2  | 259.22  | 238.42  | 247.67  | 248.44     | 4.19    | ppb   |
| Potassium  | 39-2  | 519.53  | 528.82  | 526.09  | 524.81     | 0.91    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.14    | 0.72    | -0.72   | 0.04       | 1616.63 | ppb   |
| Selenium   | 82-1  | 0.19    | 0.93    | 0.54    | 0.55       | 66.96   | ppb   |
| Silicon    | 28-1  | 1248.00 | 1252.18 | 1237.83 | 1246.00    | 0.59    | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.02    | 0.02       | 16.38   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.02    | 0.02       | 23.76   | ppb   |
| Sodium     | 23-2  | 9646.97 | 9776.57 | 9612.42 | 9678.65    | 0.89    | ppb   |
| Strontium  | 86-1  | 18.54   | 19.12   | 19.01   | 18.89      | 1.64    | ppb   |
| Strontium  | 88-1  | 19.03   | 19.04   | 19.16   | 19.08      | 0.38    | ppb   |
| Sulfur     | 34-1  | 562.11  | 576.53  | 563.28  | 567.31     | 1.41    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.05    | 0.05    | 0.04    | 0.05       | 6.77    | ppb   |
| Thallium   | 205-1 | 0.04    | 0.05    | 0.04    | 0.05       | 17.67   | ppb   |
| Tin        | 118-1 | 1.93    | 1.98    | 1.96    | 1.96       | 1.16    | ppb   |
| Titanium   | 47-1  | 0.62    | 0.69    | 0.61    | 0.64       | 7.17    | ppb   |
| Uranium    | 238-1 | 0.02    | 0.02    | 0.02    | 0.02       | 1.63    | ppb   |
| Vanadium   | 51-2  | 0.08    | 0.09    | 0.08    | 0.09       | 7.92    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 2663.57 | 2684.11 | 2652.99 | 2666.89    | 0.59    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.04    | 0.04    | 0.04       | 11.34   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-47-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:25:51   | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.05    | 0.05    | 0.05       | 10.87   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-48-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:29:16   | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 44.93   | 48.22   | 47.28   | 46.81      | 3.61    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.05    | 0.05       | 6.58    | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.25    | 0.22    | 0.23       | 8.88    | ppb   |
| Barium     | 135-1 | 14.38   | 14.52   | 14.84   | 14.58      | 1.62    | ppb   |
| Barium     | 137-1 | 14.48   | 14.61   | 14.56   | 14.55      | 0.42    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.06    | 4.06    | 4.48    | 4.20       | 5.77    | ppb   |
| Boron      | 11-1  | 4.10    | 4.15    | 4.43    | 4.23       | 4.25    | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.00    | -0.03   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.33   | 0.00    | -0.49   | -0.27      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.05    | 0.04    | 0.04       | 18.61   | ppb   |
| Calcium    | 43-1  | 4888.50 | 4875.87 | 4886.76 | 4883.71    | 0.14    | ppb   |
| Calcium    | 44-1  | 4965.93 | 4946.96 | 4965.25 | 4959.38    | 0.22    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.03    | 0.05    | 0.04       | 18.65   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.03    | 0.03       | 10.20   | ppb   |
| Copper     | 63-2  | 118.18  | 121.65  | 116.04  | 118.62     | 2.39    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 16.60   | 17.07   | 17.98   | 17.22      | 4.08    | ppb   |
| Iron       | 57-2  | 20.43   | 22.92   | 20.65   | 21.33      | 6.48    | ppb   |
| Lead       | 206-1 | 0.57    | 0.57    | 0.59    | 0.58       | 2.15    | ppb   |
| Lead       | 207-1 | 0.57    | 0.51    | 0.49    | 0.52       | 7.50    | ppb   |
| Lead       | 208-1 | 0.55    | 0.54    | 0.54    | 0.54       | 0.54    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1102.49 | 1149.46 | 1098.29 | 1116.75    | 2.54    | ppb   |
| Manganese  | 55-2  | 10.87   | 11.34   | 10.83   | 11.01      | 2.55    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-11 Instrumnet Name : P7  
 Client Sample ID : DC24741-48-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:29:16 DataFile Name : 080SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.03    | 0.03    | 0.02       | 32.34   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.03    | 0.03    | 0.02       | 41.09   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.03    | 0.02    | 0.03       | 15.41   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.02    | 0.04    | 0.03       | 34.70   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.02    | 0.03       | 13.44   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 10.09   | 10.31   | 9.88    | 10.09      | 2.14    | ppb   |
| Phosphorus | 31-2  | 625.13  | 608.46  | 589.48  | 607.69     | 2.93    | ppb   |
| Potassium  | 39-2  | 480.31  | 489.47  | 474.41  | 481.39     | 1.58    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.24    | -0.01   | 0.23    | 0.15       | 93.38   | ppb   |
| Selenium   | 78-2  | 0.49    | 0.26    | -0.48   | 0.09       | 564.40  | ppb   |
| Selenium   | 82-1  | -0.13   | 0.05    | 0.22    | 0.05       | 378.42  | ppb   |
| Silicon    | 28-1  | 973.41  | 981.71  | 980.56  | 978.56     | 0.46    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 39.05   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 15.83   | ppb   |
| Sodium     | 23-2  | 9704.92 | 9948.80 | 9551.99 | 9735.24    | 2.06    | ppb   |
| Strontium  | 86-1  | 16.91   | 17.00   | 17.18   | 17.03      | 0.80    | ppb   |
| Strontium  | 88-1  | 17.31   | 17.35   | 17.41   | 17.36      | 0.30    | ppb   |
| Sulfur     | 34-1  | 476.43  | 539.15  | 532.78  | 516.12     | 6.69    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.02    | 0.01       | 5.67    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 6.71    | ppb   |
| Tin        | 118-1 | -0.04   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.27    | 0.29    | 0.27    | 0.28       | 4.08    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 114.25  | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.05    | 0.05       | 4.90    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 127.50  | 130.37  | 124.75  | 127.54     | 2.20    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.02    | 0.02       | 19.29   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-48-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:29:16   | DataFile Name :   | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.03    | 0.03       | 11.63   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-12 Instrumnet Name : P7  
 Client Sample ID : DC24741-49-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:32:40 DataFile Name : 081SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.41   | 8.91    | 6.58    | 8.63       | 22.36   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.04    | 0.04       | 13.07   | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.27    | 0.26    | 0.27       | 1.37    | ppb   |
| Barium     | 135-1 | 15.85   | 15.66   | 15.25   | 15.58      | 1.97    | ppb   |
| Barium     | 137-1 | 15.60   | 15.65   | 15.83   | 15.69      | 0.78    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.01   | 0.00    | 0.00       | 848.46  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.89    | 3.83    | 4.35    | 4.03       | 7.14    | ppb   |
| Boron      | 11-1  | 4.31    | 4.08    | 4.30    | 4.23       | 3.09    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.68   | -0.66   | -0.76   | -0.70      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | -0.01   | 0.05    | 0.03       | 108.27  | ppb   |
| Calcium    | 43-1  | 4914.29 | 4902.38 | 4854.78 | 4890.48    | 0.64    | ppb   |
| Calcium    | 44-1  | 4928.88 | 4983.78 | 4867.48 | 4926.71    | 1.18    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.03   | -0.02   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 12.37   | ppb   |
| Copper     | 63-2  | 28.10   | 27.65   | 27.44   | 27.73      | 1.20    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 24.14   | 23.88   | 23.87   | 23.96      | 0.64    | ppb   |
| Iron       | 57-2  | 30.43   | 27.93   | 26.61   | 28.32      | 6.85    | ppb   |
| Lead       | 206-1 | 0.18    | 0.17    | 0.16    | 0.17       | 6.23    | ppb   |
| Lead       | 207-1 | 0.15    | 0.16    | 0.17    | 0.16       | 5.38    | ppb   |
| Lead       | 208-1 | 0.17    | 0.17    | 0.17    | 0.17       | 0.34    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1120.49 | 1094.14 | 1115.15 | 1109.93    | 1.26    | ppb   |
| Manganese  | 55-2  | 14.12   | 13.76   | 13.91   | 13.93      | 1.31    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-49-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:32:40   | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03    | 0.02    | 0.02       | 10.64   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.03    | 0.01    | 0.02       | 38.59   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.02    | 0.02    | 0.02       | 30.96   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.03    | 0.02    | 0.02       | 24.29   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03    | 0.02    | 0.02       | 19.80   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.76     | 0.72    | 0.81    | 0.76       | 5.56    | ppb   |
| Phosphorus | 31-2  | 676.35   | 715.40  | 672.99  | 688.25     | 3.43    | ppb   |
| Potassium  | 39-2  | 488.28   | 483.74  | 481.38  | 484.47     | 0.72    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02    | -0.27   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.37     | 0.10    | -0.12   | 0.12       | 208.46  | ppb   |
| Selenium   | 82-1  | 0.35     | 0.34    | 0.44    | 0.38       | 14.47   | ppb   |
| Silicon    | 28-1  | 984.79   | 1005.62 | 990.02  | 993.48     | 1.09    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00    | 0.00    | 0.00       | 40.82   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00    | 0.00    | 0.00       | 107.66  | ppb   |
| Sodium     | 23-2  | 10049.05 | 9846.24 | 9857.90 | 9917.73    | 1.15    | ppb   |
| Strontium  | 86-1  | 17.11    | 17.19   | 16.75   | 17.02      | 1.36    | ppb   |
| Strontium  | 88-1  | 17.29    | 17.20   | 17.06   | 17.18      | 0.69    | ppb   |
| Sulfur     | 34-1  | 557.29   | 596.85  | 614.90  | 589.68     | 5.00    | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01    | 0.01    | 0.01       | 12.35   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.01    | 0.01       | 7.93    | ppb   |
| Tin        | 118-1 | -0.06    | -0.06   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.27     | 0.35    | 0.30    | 0.31       | 13.57   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01    | 0.01    | 0.01       | 9.66    | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06    | 0.05    | 0.06       | 5.47    | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 15.47    | 15.39   | 15.18   | 15.35      | 0.99    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.02    | 0.02    | 0.02       | 23.55   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-49-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:32:40   | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.05    | 0.03       | 27.73   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-13 Instrumnet Name : P7  
 Client Sample ID : DC24741-50-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:36:03 DataFile Name : 082SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 213.91  | 209.05  | 211.23  | 211.40     | 1.15    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.04    | 0.04    | 0.05       | 17.55   | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.27    | 0.27    | 0.28       | 6.66    | ppb   |
| Barium     | 135-1 | 1.85    | 1.84    | 2.02    | 1.90       | 5.14    | ppb   |
| Barium     | 137-1 | 1.98    | 1.94    | 2.09    | 2.00       | 3.76    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | 0.03    | 0.02       | 36.48   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 85.72   | 86.97   | 91.40   | 88.03      | 3.39    | ppb   |
| Boron      | 11-1  | 89.66   | 90.40   | 94.24   | 91.43      | 2.69    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.33   | -0.41   | -0.41   | -0.38      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | 0.06    | 0.03       | 130.61  | ppb   |
| Calcium    | 43-1  | 5895.06 | 5667.88 | 5553.85 | 5705.60    | 3.04    | ppb   |
| Calcium    | 44-1  | 5981.26 | 5792.27 | 5656.37 | 5809.97    | 2.81    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.04    | 0.07    | 0.05       | 31.71   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 4.61    | ppb   |
| Copper     | 63-2  | 1.35    | 1.34    | 1.33    | 1.34       | 0.83    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 4.53    | 4.28    | 4.35    | 4.39       | 2.85    | ppb   |
| Iron       | 57-2  | 9.73    | 8.51    | 9.53    | 9.26       | 7.06    | ppb   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.05    | 0.04       | 12.25   | ppb   |
| Lead       | 207-1 | 0.04    | 0.04    | 0.04    | 0.04       | 10.92   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.05    | 0.04       | 7.86    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1391.39 | 1362.18 | 1371.33 | 1374.97    | 1.09    | ppb   |
| Manganese  | 55-2  | 2.05    | 1.91    | 1.94    | 1.96       | 3.84    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-13              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-50-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:36:03   | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05     | 0.06     | 0.04     | 0.05       | 23.04   | ppb   |
| Molybdenum | 95-1  | 0.16     | 0.11     | 0.14     | 0.14       | 17.77   | ppb   |
| Molybdenum | 96-1  | 0.13     | 0.12     | 0.13     | 0.12       | 3.44    | ppb   |
| Molybdenum | 97-1  | 0.14     | 0.16     | 0.16     | 0.15       | 7.50    | ppb   |
| Molybdenum | 98-1  | 0.16     | 0.17     | 0.14     | 0.16       | 7.96    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.62     | 0.69     | 0.69     | 0.67       | 6.02    | ppb   |
| Phosphorus | 31-2  | 2060.28  | 1965.51  | 1984.40  | 2003.40    | 2.50    | ppb   |
| Potassium  | 39-2  | 501.85   | 484.81   | 490.17   | 492.28     | 1.77    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.02    | 0.48     | -0.27    | 0.07       | 573.39  | ppb   |
| Selenium   | 78-2  | 0.42     | -0.03    | -0.20    | 0.06       | 518.33  | ppb   |
| Selenium   | 82-1  | 0.32     | -0.06    | 0.22     | 0.16       | 123.74  | ppb   |
| Silicon    | 28-1  | 1406.56  | 1360.93  | 1341.71  | 1369.73    | 2.43    | ppb   |
| Silver     | 109-1 | 24.21    | 23.99    | 23.58    | 23.93      | 1.34    | ppb   |
| Silver     | 107-1 | 24.08    | 23.68    | 23.72    | 23.83      | 0.92    | ppb   |
| Sodium     | 23-2  | 10769.07 | 10538.79 | 10543.54 | 10617.13   | 1.24    | ppb   |
| Strontium  | 86-1  | 18.04    | 17.46    | 17.82    | 17.78      | 1.64    | ppb   |
| Strontium  | 88-1  | 18.03    | 17.75    | 17.82    | 17.87      | 0.84    | ppb   |
| Sulfur     | 34-1  | 918.16   | 633.33   | 585.13   | 712.21     | 25.27   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.02     | 0.02       | 8.01    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 21.10   | ppb   |
| Tin        | 118-1 | -0.06    | -0.05    | -0.06    | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.77     | 0.85     | 0.91     | 0.84       | 8.49    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 15.93   | ppb   |
| Vanadium   | 51-2  | 0.92     | 0.88     | 0.85     | 0.89       | 3.87    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 15.05    | 15.07    | 15.02    | 15.05      | 0.18    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.02     | 0.02       | 23.68   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-13              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-50-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:36:03   | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.02    | 0.02       | 42.31   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-14 Instrumnet Name : P7  
 Client Sample ID : DC24741-51-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:39:27 DataFile Name : 083SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 218.41  | 212.32  | 217.40  | 216.05     | 1.51    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 2.66    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.29    | 0.23    | 0.27       | 12.04   | ppb   |
| Barium     | 135-1 | 0.91    | 0.95    | 0.92    | 0.93       | 2.05    | ppb   |
| Barium     | 137-1 | 1.01    | 0.98    | 1.04    | 1.01       | 3.18    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.03    | 0.01    | 0.02       | 49.21   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 93.04   | 90.78   | 93.98   | 92.60      | 1.78    | ppb   |
| Boron      | 11-1  | 93.91   | 97.34   | 95.61   | 95.62      | 1.80    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.07   | -0.01   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.74   | -0.93   | -0.06   | -0.58      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | 0.04    | 0.02       | 123.08  | ppb   |
| Calcium    | 43-1  | 5619.67 | 5576.44 | 5509.57 | 5568.56    | 1.00    | ppb   |
| Calcium    | 44-1  | 5704.85 | 5790.80 | 5704.59 | 5733.41    | 0.87    | ppb   |
| Chromium   | 52-2  | 0.11    | 0.09    | 0.08    | 0.09       | 15.66   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 6.64    | ppb   |
| Copper     | 63-2  | 1.35    | 1.27    | 1.26    | 1.29       | 3.97    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 3.47    | 3.43    | 3.35    | 3.42       | 1.75    | ppb   |
| Iron       | 57-2  | 9.01    | 6.10    | 10.31   | 8.47       | 25.41   | ppb   |
| Lead       | 206-1 | 0.04    | 0.05    | 0.04    | 0.04       | 3.40    | ppb   |
| Lead       | 207-1 | 0.04    | 0.03    | 0.04    | 0.04       | 14.11   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 2.78    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1391.39 | 1384.33 | 1380.27 | 1385.33    | 0.41    | ppb   |
| Manganese  | 55-2  | 1.87    | 1.79    | 1.82    | 1.82       | 2.27    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-14              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-51-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:39:27   | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06     | 0.05     | 0.05     | 0.05       | 7.87    | ppb   |
| Molybdenum | 95-1  | 0.15     | 0.17     | 0.13     | 0.15       | 12.80   | ppb   |
| Molybdenum | 96-1  | 0.10     | 0.12     | 0.11     | 0.11       | 8.84    | ppb   |
| Molybdenum | 97-1  | 0.16     | 0.16     | 0.14     | 0.15       | 4.56    | ppb   |
| Molybdenum | 98-1  | 0.17     | 0.15     | 0.16     | 0.16       | 5.54    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.69     | 0.66     | 0.66     | 0.67       | 2.23    | ppb   |
| Phosphorus | 31-2  | 2056.43  | 2037.58  | 2070.47  | 2054.83    | 0.80    | ppb   |
| Potassium  | 39-2  | 494.15   | 495.10   | 489.26   | 492.84     | 0.64    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.02    | -0.27    | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.42     | 0.31     | 0.02     | 0.25       | 82.06   | ppb   |
| Selenium   | 82-1  | 0.36     | -0.10    | 0.11     | 0.12       | 192.97  | ppb   |
| Silicon    | 28-1  | 1405.47  | 1387.91  | 1377.80  | 1390.39    | 1.01    | ppb   |
| Silver     | 109-1 | 24.86    | 25.06    | 25.11    | 25.01      | 0.53    | ppb   |
| Silver     | 107-1 | 25.21    | 24.77    | 24.85    | 24.94      | 0.92    | ppb   |
| Sodium     | 23-2  | 10695.03 | 10628.50 | 10711.30 | 10678.28   | 0.41    | ppb   |
| Strontium  | 86-1  | 17.93    | 18.00    | 17.92    | 17.95      | 0.23    | ppb   |
| Strontium  | 88-1  | 18.06    | 18.05    | 18.19    | 18.10      | 0.42    | ppb   |
| Sulfur     | 34-1  | 547.99   | 562.66   | 532.91   | 547.85     | 2.72    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.01     | 0.02       | 25.08   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 0.24    | ppb   |
| Tin        | 118-1 | -0.08    | -0.07    | -0.08    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.72     | 0.78     | 0.78     | 0.76       | 4.84    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 5.04    | ppb   |
| Vanadium   | 51-2  | 0.88     | 0.87     | 0.87     | 0.87       | 0.54    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 15.56    | 15.58    | 15.19    | 15.44      | 1.44    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.02     | 0.01       | 32.51   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-14              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-51-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:39:27   | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.03    | 0.01       | 115.08  | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-15 Instrumnet Name : P7  
 Client Sample ID : DC24741-52-FL1-H-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:42:51 DataFile Name : 084SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.63    | 8.65    | 12.34   | 9.87       | 21.64   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.04    | 0.04       | 13.06   | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.37    | 0.34    | 0.34       | 8.76    | ppb   |
| Barium     | 135-1 | 15.24   | 15.33   | 14.98   | 15.18      | 1.22    | ppb   |
| Barium     | 137-1 | 15.24   | 15.46   | 15.39   | 15.36      | 0.73    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 29.76   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 9.14    | 8.87    | 9.44    | 9.15       | 3.11    | ppb   |
| Boron      | 11-1  | 9.78    | 9.36    | 9.06    | 9.40       | 3.87    | ppb   |
| Cadmium    | 111-1 | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.19   | -0.02   | -0.55   | -0.26      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.06    | 0.04    | 0.05       | 27.81   | ppb   |
| Calcium    | 43-1  | 4853.68 | 4825.86 | 4925.51 | 4868.35    | 1.06    | ppb   |
| Calcium    | 44-1  | 4851.78 | 4849.08 | 4916.92 | 4872.59    | 0.79    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.06    | 0.07    | 0.06       | 17.88   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.02    | 0.01       | 24.66   | ppb   |
| Copper     | 63-2  | 222.60  | 217.70  | 219.81  | 220.04     | 1.12    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.11   | 21.64   | 21.97   | 21.90      | 1.10    | ppb   |
| Iron       | 57-2  | 26.52   | 24.41   | 25.22   | 25.39      | 4.18    | ppb   |
| Lead       | 206-1 | 0.13    | 0.12    | 0.14    | 0.13       | 4.80    | ppb   |
| Lead       | 207-1 | 0.12    | 0.11    | 0.13    | 0.12       | 7.89    | ppb   |
| Lead       | 208-1 | 0.12    | 0.11    | 0.12    | 0.12       | 3.04    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1145.93 | 1103.89 | 1128.79 | 1126.20    | 1.88    | ppb   |
| Manganese  | 55-2  | 13.07   | 12.64   | 12.88   | 12.86      | 1.69    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-15              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-52-FL1-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:42:51   | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.02    | 0.02    | 0.02       | 14.13   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.02    | 0.01    | 0.01       | 27.02   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01    | 0.02    | 0.02       | 17.02   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02    | 0.02    | 0.02       | 5.93    | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02    | 0.02    | 0.02       | 17.73   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.64     | 0.53    | 0.57    | 0.58       | 9.38    | ppb   |
| Phosphorus | 31-2  | 656.53   | 660.27  | 609.26  | 642.02     | 4.43    | ppb   |
| Potassium  | 39-2  | 477.12   | 478.10  | 477.94  | 477.72     | 0.11    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | 0.23     | 0.22    | -0.27   | 0.06       | 459.00  | ppb   |
| Selenium   | 78-2  | 0.36     | -0.04   | 0.63    | 0.31       | 106.65  | ppb   |
| Selenium   | 82-1  | -0.06    | 0.30    | 0.52    | 0.25       | 114.09  | ppb   |
| Silicon    | 28-1  | 987.62   | 970.34  | 992.34  | 983.43     | 1.18    | ppb   |
| Silver     | 109-1 | 0.00     | 0.01    | 0.01    | 0.01       | 29.09   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.01    | 0.01       | 18.95   | ppb   |
| Sodium     | 23-2  | 10023.80 | 9795.52 | 9881.29 | 9900.20    | 1.16    | ppb   |
| Strontium  | 86-1  | 16.60    | 16.60   | 16.87   | 16.69      | 0.96    | ppb   |
| Strontium  | 88-1  | 17.10    | 17.01   | 17.04   | 17.05      | 0.26    | ppb   |
| Sulfur     | 34-1  | 431.65   | 329.80  | 462.73  | 408.06     | 17.04   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01    | 0.01    | 0.01       | 25.88   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.01    | 0.01       | 26.93   | ppb   |
| Tin        | 118-1 | -0.05    | -0.05   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.30     | 0.35    | 0.33    | 0.33       | 7.11    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00    | 0.01    | 0.01       | 6.80    | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05    | 0.04    | 0.05       | 11.35   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 41.15    | 38.94   | 40.22   | 40.10      | 2.77    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03    | 0.03    | 0.03       | 4.58    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-15              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-52-FL1-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:42:51   | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.01    | 0.02       | 27.46   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-16 Instrumnet Name : P7  
 Client Sample ID : DC24741-53-FL1-H-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:46:15 DataFile Name : 085SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 34.81   | 41.50   | 36.30   | 37.54      | 9.36    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.06    | 0.04    | 0.04       | 23.97   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.24    | 0.28    | 0.26       | 8.28    | ppb   |
| Barium     | 135-1 | 16.05   | 15.59   | 15.71   | 15.78      | 1.53    | ppb   |
| Barium     | 137-1 | 15.58   | 15.81   | 15.78   | 15.72      | 0.77    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.01    | 0.01       | 39.70   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.18    | 6.15    | 6.54    | 6.29       | 3.46    | ppb   |
| Boron      | 11-1  | 6.65    | 6.67    | 7.09    | 6.81       | 3.67    | ppb   |
| Cadmium    | 111-1 | -0.01   | 0.01    | -0.11   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.19   | -0.01   | -1.67   | -0.62      |         | ppb   |
| Cadmium    | 108-1 | 0.12    | 0.02    | 0.02    | 0.05       | 103.24  | ppb   |
| Calcium    | 43-1  | 4939.16 | 4995.36 | 4931.53 | 4955.35    | 0.70    | ppb   |
| Calcium    | 44-1  | 4967.90 | 5052.40 | 4986.04 | 5002.11    | 0.89    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.05    | 0.09    | 0.07       | 32.70   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 14.14   | ppb   |
| Copper     | 63-2  | 231.74  | 231.52  | 230.10  | 231.12     | 0.38    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 24.21   | 23.97   | 24.26   | 24.15      | 0.64    | ppb   |
| Iron       | 57-2  | 28.88   | 29.36   | 27.37   | 28.54      | 3.65    | ppb   |
| Lead       | 206-1 | 0.20    | 0.18    | 0.20    | 0.19       | 7.87    | ppb   |
| Lead       | 207-1 | 0.15    | 0.17    | 0.19    | 0.17       | 11.59   | ppb   |
| Lead       | 208-1 | 0.18    | 0.17    | 0.20    | 0.18       | 6.45    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1125.02 | 1134.18 | 1146.39 | 1135.20    | 0.94    | ppb   |
| Manganese  | 55-2  | 15.30   | 15.02   | 15.09   | 15.14      | 0.98    | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-16 Instrumnet Name : P7  
 Client Sample ID : DC24741-53-FL1-H-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:46:15 DataFile Name : 085SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.04    | 0.06    | 0.04       | 38.23   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.01    | 0.02    | 0.02       | 51.98   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.04    | 0.02    | 0.03       | 32.99   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.03    | 0.01    | 0.02       | 59.43   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.02    | 0.02    | 0.02       | 16.29   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.61    | 0.58    | 0.62    | 0.60       | 3.64    | ppb   |
| Phosphorus | 31-2  | 697.54  | 682.18  | 661.13  | 680.28     | 2.69    | ppb   |
| Potassium  | 39-2  | 475.12  | 473.93  | 476.65  | 475.23     | 0.29    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.02   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.34    | -0.22   | -0.41   | -0.10      |         | ppb   |
| Selenium   | 82-1  | 0.52    | 0.24    | 0.26    | 0.34       | 46.39   | ppb   |
| Silicon    | 28-1  | 1065.42 | 1072.43 | 1085.73 | 1074.52    | 0.96    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.49   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 18.09   | ppb   |
| Sodium     | 23-2  | 9817.83 | 9694.05 | 9699.94 | 9737.27    | 0.72    | ppb   |
| Strontium  | 86-1  | 16.82   | 17.13   | 17.03   | 16.99      | 0.90    | ppb   |
| Strontium  | 88-1  | 17.25   | 17.11   | 17.50   | 17.29      | 1.13    | ppb   |
| Sulfur     | 34-1  | 311.58  | 516.68  | 412.11  | 413.46     | 24.80   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 24.20   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 4.01    | ppb   |
| Tin        | 118-1 | -0.05   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 1.37    | 1.44    | 1.35    | 1.39       | 3.49    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.30   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.07    | 0.08    | 0.07       | 6.14    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 50.46   | 50.67   | 50.83   | 50.65      | 0.37    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.05    | 0.05    | 0.05       | 13.08   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-16              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-53-FL1-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:46:15   | DataFile Name :   | 085SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.20    | 0.05    | 0.07    | 0.11       | 77.68   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-17 Instrumnet Name : P7  
 Client Sample ID : DC24741-54-FL1-CL204I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:49:40 DataFile Name : 086SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.81    | 5.60    | 7.31    | 6.24       | 15.00   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.08    | 0.08       | 10.37   | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.34    | 0.32    | 0.31       | 7.83    | ppb   |
| Barium     | 135-1 | 17.23   | 17.27   | 16.55   | 17.02      | 2.38    | ppb   |
| Barium     | 137-1 | 17.56   | 17.21   | 17.15   | 17.31      | 1.30    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.00    | 0.01       | 50.46   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.06    | 5.10    | 5.59    | 5.25       | 5.57    | ppb   |
| Boron      | 11-1  | 6.21    | 5.77    | 6.01    | 6.00       | 3.70    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.01   | -0.06   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.62   | -0.35   | -0.99   | -0.65      |         | ppb   |
| Cadmium    | 108-1 | 0.11    | 0.04    | 0.05    | 0.06       | 59.54   | ppb   |
| Calcium    | 43-1  | 5265.99 | 4841.93 | 4884.30 | 4997.41    | 4.67    | ppb   |
| Calcium    | 44-1  | 5302.84 | 4958.08 | 4977.61 | 5079.51    | 3.81    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.07    | 0.02    | 0.03       | 78.92   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.03    | 0.02       | 11.94   | ppb   |
| Copper     | 63-2  | 125.35  | 126.42  | 124.49  | 125.42     | 0.77    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 19.08   | 18.35   | 18.26   | 18.56      | 2.43    | ppb   |
| Iron       | 57-2  | 24.16   | 23.67   | 25.03   | 24.29      | 2.85    | ppb   |
| Lead       | 206-1 | 0.99    | 0.98    | 0.93    | 0.97       | 3.59    | ppb   |
| Lead       | 207-1 | 0.95    | 0.93    | 0.87    | 0.92       | 4.33    | ppb   |
| Lead       | 208-1 | 0.97    | 0.96    | 0.91    | 0.94       | 3.58    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1172.34 | 1171.14 | 1157.30 | 1166.93    | 0.72    | ppb   |
| Manganese  | 55-2  | 12.88   | 13.19   | 12.72   | 12.93      | 1.85    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-17 Instrumnet Name : P7  
 Client Sample ID : DC24741-54-FL1-CL204I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:49:40 DataFile Name : 086SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02     | 0.02    | 0.02       | 9.48    | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.01     | 0.02    | 0.01       | 18.27   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02     | 0.02    | 0.02       | 21.87   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02     | 0.02    | 0.02       | 7.59    | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.01     | 0.03    | 0.02       | 66.28   | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 11.67   | 11.88    | 11.80   | 11.79      | 0.88    | ppb   |
| Phosphorus | 31-2  | 658.56  | 655.34   | 648.38  | 654.09     | 0.80    | ppb   |
| Potassium  | 39-2  | 487.97  | 494.69   | 487.59  | 490.08     | 0.81    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.02    | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.01    | 0.01     | 0.53    | 0.19       | 160.81  | ppb   |
| Selenium   | 82-1  | 0.42    | 0.39     | -0.08   | 0.24       | 116.25  | ppb   |
| Silicon    | 28-1  | 1032.79 | 952.80   | 966.84  | 984.14     | 4.34    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02     | 0.02    | 0.02       | 20.23   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01     | 0.02    | 0.02       | 27.17   | ppb   |
| Sodium     | 23-2  | 9937.02 | 10044.57 | 9985.08 | 9988.89    | 0.54    | ppb   |
| Strontium  | 86-1  | 18.33   | 17.42    | 17.46   | 17.74      | 2.89    | ppb   |
| Strontium  | 88-1  | 18.24   | 17.87    | 17.78   | 17.96      | 1.36    | ppb   |
| Sulfur     | 34-1  | 695.55  | 260.77   | 397.14  | 451.15     | 49.29   | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02     | 0.01    | 0.01       | 9.00    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01     | 0.01    | 0.01       | 37.91   | ppb   |
| Tin        | 118-1 | -0.07   | -0.07    | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.34    | 0.33     | 0.29    | 0.32       | 7.21    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01     | 0.00    | 0.01       | 19.12   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05     | 0.04    | 0.05       | 23.46   | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 145.08  | 146.31   | 144.55  | 145.31     | 0.62    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02     | 0.02    | 0.02       | 7.07    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-17              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-54-FL1-CL204I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:49:40   | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.02    | 0.02       | 15.29   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-18              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-55-FL1-CL204I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:53:04   | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.15    | 5.10    | 5.38    | 5.21       | 2.90    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.05    | 0.05       | 5.13    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.24    | 0.30    | 0.27       | 11.27   | ppb   |
| Barium     | 135-1 | 15.93   | 15.54   | 15.59   | 15.69      | 1.36    | ppb   |
| Barium     | 137-1 | 15.72   | 15.67   | 15.97   | 15.79      | 1.01    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | 81.10   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.62    | 5.03    | 5.44    | 5.36       | 5.65    | ppb   |
| Boron      | 11-1  | 5.14    | 5.49    | 5.52    | 5.38       | 3.91    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.09   | -0.02   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.29   | -1.21   | -0.36   | -0.62      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.05    | 0.07    | 0.06       | 21.84   | ppb   |
| Calcium    | 43-1  | 4899.18 | 4816.55 | 4790.99 | 4835.58    | 1.17    | ppb   |
| Calcium    | 44-1  | 4919.54 | 4874.71 | 4860.05 | 4884.77    | 0.63    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.00    | 0.03    | 0.01       | 119.25  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.02    | 0.01    | 0.01       | 56.39   | ppb   |
| Copper     | 63-2  | 55.99   | 56.28   | 55.85   | 56.04      | 0.39    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.26   | 23.34   | 22.22   | 22.94      | 2.71    | ppb   |
| Iron       | 57-2  | 25.17   | 24.50   | 26.30   | 25.32      | 3.59    | ppb   |
| Lead       | 206-1 | 0.15    | 0.14    | 0.14    | 0.14       | 2.10    | ppb   |
| Lead       | 207-1 | 0.12    | 0.13    | 0.14    | 0.13       | 8.19    | ppb   |
| Lead       | 208-1 | 0.14    | 0.13    | 0.14    | 0.13       | 4.69    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1100.25 | 1107.50 | 1099.00 | 1102.25    | 0.42    | ppb   |
| Manganese  | 55-2  | 12.83   | 12.74   | 12.56   | 12.71      | 1.09    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-18              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-55-FL1-CL204I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:53:04   | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.02    | 0.02    | 0.03       | 13.71   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.01    | 0.02    | 0.02       | 17.66   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02    | 0.02    | 0.02       | 11.37   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.04    | 0.04    | 0.04       | 9.12    | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02    | 0.02    | 0.02       | 4.93    | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.47     | 0.55    | 0.47    | 0.50       | 9.89    | ppb   |
| Phosphorus | 31-2  | 636.20   | 622.54  | 694.33  | 651.02     | 5.86    | ppb   |
| Potassium  | 39-2  | 477.31   | 479.26  | 476.68  | 477.75     | 0.28    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.01    | 0.23    | -0.02   | 0.07       | 215.08  | ppb   |
| Selenium   | 78-2  | 0.23     | 0.42    | -0.04   | 0.20       | 113.15  | ppb   |
| Selenium   | 82-1  | 0.27     | 0.50    | -0.15   | 0.21       | 160.05  | ppb   |
| Silicon    | 28-1  | 992.21   | 967.58  | 966.30  | 975.37     | 1.50    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01    | 0.00    | 0.01       | 38.48   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.01    | 0.01       | 44.23   | ppb   |
| Sodium     | 23-2  | 10132.93 | 9966.55 | 9868.85 | 9989.44    | 1.34    | ppb   |
| Strontium  | 86-1  | 16.83    | 17.18   | 16.89   | 16.96      | 1.11    | ppb   |
| Strontium  | 88-1  | 17.07    | 17.24   | 17.06   | 17.12      | 0.60    | ppb   |
| Sulfur     | 34-1  | 548.49   | 568.49  | 461.47  | 526.15     | 10.81   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01    | 0.01    | 0.01       | 17.54   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.01    | 0.01       | 31.81   | ppb   |
| Tin        | 118-1 | -0.06    | -0.06   | -0.07   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.41     | 0.30    | 0.29    | 0.33       | 21.22   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.01    | 0.01       | 35.47   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06    | 0.05    | 0.06       | 11.13   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 10.46    | 10.02   | 10.16   | 10.21      | 2.17    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03    | 0.03    | 0.03       | 9.42    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-18              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-55-FL1-CL204I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:53:04   | DataFile Name :   | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.02    | 0.02       | 38.74   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV71               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV71               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:56:28 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.12    | 2.14    | 2.84    | 2.70       | 18.72   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.44   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.01    | 0.01    | 0.01       | 0.96    | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.82   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.75    | 1.84    | 1.10    | 1.56       | 25.99   | ppb   |
| Boron      | 11-1  | 1.59    | 1.76    | 1.79    | 1.71       | 6.17    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.04   | -0.10   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -1.44   | -0.56   | -1.27   | -1.09      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.04    | 0.04    | 0.03       | 26.06   | ppb   |
| Calcium    | 43-1  | 7.97    | 10.48   | 10.29   | 9.58       | 14.62   | ppb   |
| Calcium    | 44-1  | 13.58   | 15.06   | 14.44   | 14.36      | 5.20    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.02    | 0.03    | 0.03       | 19.41   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.59    | 0.51    | 0.48    | 0.52       | 10.77   | ppb   |
| Iron       | 57-2  | 0.38    | 0.39    | 0.45    | 0.41       | 8.76    | ppb   |
| Lead       | 206-1 | 516.89  | 512.77  | 525.02  | 518.22     | 1.20    | ppb   |
| Lead       | 207-1 | 514.69  | 516.65  | 519.80  | 517.05     | 0.50    | ppb   |
| Lead       | 208-1 | 516.79  | 517.89  | 522.73  | 519.14     | 0.61    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.34    | 0.32    | 0.27    | 0.31       | 11.15   | ppb   |
| Manganese  | 55-2  | 0.15    | 0.14    | 0.14    | 0.14       | 5.39    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV71               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV71               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:56:28 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | 392.48  | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.01    | 0.00       | 315.71  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.01    | 0.01    | 0.01       | 57.58   | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.00    | 0.01       | 50.19   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.00    | 0.01    | 0.01       | 89.55   | ppb   |
| Phosphorus | 31-2  | -16.52  | -9.10   | -12.16  | -12.60     |         | ppb   |
| Potassium  | 39-2  | 3.55    | 2.14    | 2.79    | 2.83       | 24.91   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | 0.25    | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.05    | 0.13    | 0.32    | 0.16       | 85.72   | ppb   |
| Selenium   | 82-1  | 0.54    | -0.25   | -0.08   | 0.07       | 582.72  | ppb   |
| Silicon    | 28-1  | -0.97   | 0.22    | 1.30    | 0.18       | 620.86  | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.01       | 15.54   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 2.34    | ppb   |
| Sodium     | 23-2  | 23.50   | 22.18   | 22.24   | 22.64      | 3.30    | ppb   |
| Strontium  | 86-1  | 0.01    | 0.01    | 0.00    | 0.01       | 53.45   | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -514.98 | -420.32 | -360.09 | -431.80    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.01    | 0.02       | 11.61   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.02    | 0.02       | 12.67   | ppb   |
| Tin        | 118-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.04    | 0.00    | 0.01    | 0.02       | 115.76  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.00    | 0.00       | 70.92   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.40    | 0.34    | 0.31    | 0.35       | 13.52   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.01    | 0.01    | 0.01       | 48.50   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV71               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV71               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:56:28 | DataFile Name :   | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB71               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB71               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:59:53 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.30   | -0.54   | -0.31   | -0.38      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 16.58   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.00    | 0.00       | 457.61  | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.14    | 1.02    | 1.40    | 1.19       | 16.52   | ppb   |
| Boron      | 11-1  | 0.89    | 1.02    | 1.11    | 1.01       | 11.09   | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.04   | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.33    | -0.44   | -0.69   | -0.27      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.07    | 0.04    | 0.05       | 28.63   | ppb   |
| Calcium    | 43-1  | 5.57    | 4.12    | 1.78    | 3.82       | 50.08   | ppb   |
| Calcium    | 44-1  | 5.70    | 6.19    | 5.85    | 5.91       | 4.26    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.04    | 0.01    | 0.02       | 76.65   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.08    | 0.03    | 0.05    | 0.05       | 52.79   | ppb   |
| Iron       | 57-2  | -0.39   | -0.57   | 0.03    | -0.31      |         | ppb   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.03    | 0.04       | 19.67   | ppb   |
| Lead       | 207-1 | 0.03    | 0.05    | 0.04    | 0.04       | 17.39   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.03    | 0.04       | 6.93    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.11    | 0.08    | 0.05    | 0.08       | 34.78   | ppb   |
| Manganese  | 55-2  | 0.01    | 0.00    | 0.00    | 0.00       | 136.49  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB71               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB71               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:59:53 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -14.45  | -3.07   | -1.70   | -6.41      |         | ppb   |
| Potassium  | 39-2  | -0.32   | 0.39    | 1.53    | 0.54       | 174.13  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | 0.25    | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.79    | 0.04    | 0.04    | 0.29       | 150.05  | ppb   |
| Selenium   | 82-1  | 0.55    | 0.25    | 0.47    | 0.42       | 36.66   | ppb   |
| Silicon    | 28-1  | -4.06   | -3.21   | -3.50   | -3.59      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 11.73   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 20.13   | 21.79   | 21.54   | 21.15      | 4.22    | ppb   |
| Strontium  | 86-1  | 0.06    | 0.04    | 0.02    | 0.04       | 50.52   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 11.24   | ppb   |
| Sulfur     | 34-1  | -558.83 | -403.76 | -402.18 | -454.92    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 19.69   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 25.91   | ppb   |
| Tin        | 118-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 172.55  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.05   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.00    | 0.00       | 103.09  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB71               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB71               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:59:53 | DataFile Name :   | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.01    | 0.01       | 93.31   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-19 Instrumnet Name : P7  
 Client Sample ID : DC24741-56-FL1-BR204 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:03:19 DataFile Name : 090SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.10    | 5.21    | 5.01    | 5.44       | 10.68   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.05    | 0.05       | 13.35   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.29    | 0.29    | 0.28       | 1.94    | ppb   |
| Barium     | 135-1 | 16.13   | 15.78   | 16.13   | 16.02      | 1.27    | ppb   |
| Barium     | 137-1 | 16.12   | 15.83   | 15.91   | 15.95      | 0.96    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 112.88  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.19    | 4.88    | 4.50    | 4.52       | 7.64    | ppb   |
| Boron      | 11-1  | 4.27    | 4.75    | 4.68    | 4.56       | 5.66    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.01   | 0.06    | 0.00       | 1685.18 | ppb   |
| Cadmium    | 106-1 | -0.68   | -0.13   | 0.72    | -0.03      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.03    | 0.02    | 0.04       | 64.13   | ppb   |
| Calcium    | 43-1  | 4887.96 | 4907.31 | 4843.22 | 4879.49    | 0.67    | ppb   |
| Calcium    | 44-1  | 4936.50 | 4923.68 | 4825.62 | 4895.27    | 1.24    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.02    | 0.03    | 0.02       | 35.99   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 28.49   | ppb   |
| Copper     | 63-2  | 156.85  | 156.64  | 156.90  | 156.79     | 0.09    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.23   | 21.06   | 20.98   | 21.09      | 0.60    | ppb   |
| Iron       | 57-2  | 25.92   | 27.37   | 26.00   | 26.43      | 3.09    | ppb   |
| Lead       | 206-1 | 0.74    | 0.70    | 0.67    | 0.70       | 4.83    | ppb   |
| Lead       | 207-1 | 0.69    | 0.66    | 0.68    | 0.68       | 2.42    | ppb   |
| Lead       | 208-1 | 0.69    | 0.67    | 0.67    | 0.68       | 1.39    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1119.06 | 1095.79 | 1112.11 | 1108.99    | 1.08    | ppb   |
| Manganese  | 55-2  | 13.63   | 13.70   | 13.89   | 13.74      | 0.98    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-19 Instrumnet Name : P7  
 Client Sample ID : DC24741-56-FL1-BR204 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:03:19 DataFile Name : 090SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.03    | 0.02    | 0.02       | 19.63   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.03    | 0.02    | 0.02       | 40.41   | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.01    | 0.01       | 112.94  | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.02    | 0.02    | 0.02       | 41.13   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.02    | 0.02    | 0.02       | 12.25   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.96    | 2.89    | 2.88    | 2.91       | 1.57    | ppb   |
| Phosphorus | 31-2  | 673.11  | 605.89  | 654.18  | 644.40     | 5.38    | ppb   |
| Potassium  | 39-2  | 471.56  | 466.66  | 473.73  | 470.65     | 0.77    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.26    | -0.79   | -0.46   | -0.33      |         | ppb   |
| Selenium   | 82-1  | 0.45    | 0.72    | 0.14    | 0.44       | 66.81   | ppb   |
| Silicon    | 28-1  | 968.69  | 973.78  | 950.57  | 964.34     | 1.27    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.02   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.02    | 0.02       | 29.35   | ppb   |
| Sodium     | 23-2  | 9843.19 | 9588.45 | 9697.58 | 9709.74    | 1.32    | ppb   |
| Strontium  | 86-1  | 17.16   | 16.64   | 16.88   | 16.89      | 1.54    | ppb   |
| Strontium  | 88-1  | 17.25   | 17.13   | 17.20   | 17.19      | 0.33    | ppb   |
| Sulfur     | 34-1  | 634.52  | 690.43  | 447.09  | 590.68     | 21.58   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 31.40   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.98    | ppb   |
| Tin        | 118-1 | -0.08   | -0.08   | -0.07   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.27    | 0.33    | 0.25    | 0.28       | 14.71   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.00    | 0.00       | 30.53   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.05    | 0.05       | 3.01    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 68.97   | 68.67   | 68.88   | 68.84      | 0.22    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.03    | 0.03       | 22.10   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-56-FL1-BR204 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:03:19  | DataFile Name :   | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.03    | 0.03       | 24.39   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-20 Instrumnet Name : P7  
 Client Sample ID : DC24741-57-FL1-BR204 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:06:43 DataFile Name : 091SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.34    | 7.17    | 6.92    | 6.81       | 6.23    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 1.60    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.27    | 0.27    | 0.28       | 4.07    | ppb   |
| Barium     | 135-1 | 16.01   | 15.75   | 15.50   | 15.75      | 1.64    | ppb   |
| Barium     | 137-1 | 16.06   | 15.73   | 15.82   | 15.87      | 1.08    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.01    | 0.01       | 94.64   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.17    | 4.05    | 4.17    | 4.13       | 1.72    | ppb   |
| Boron      | 11-1  | 4.49    | 4.70    | 4.74    | 4.64       | 2.89    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.81   | -0.42   | -0.65   | -0.63      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.01    | 0.04    | 0.03       | 60.66   | ppb   |
| Calcium    | 43-1  | 4858.10 | 4752.35 | 4872.29 | 4827.58    | 1.36    | ppb   |
| Calcium    | 44-1  | 4904.52 | 4831.58 | 4857.58 | 4864.56    | 0.76    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.03    | 0.02    | 0.03       | 41.01   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.01       | 68.87   | ppb   |
| Copper     | 63-2  | 93.55   | 92.78   | 92.45   | 92.93      | 0.60    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 24.88   | 24.31   | 26.28   | 25.16      | 4.03    | ppb   |
| Iron       | 57-2  | 31.30   | 28.67   | 30.28   | 30.09      | 4.41    | ppb   |
| Lead       | 206-1 | 0.23    | 0.23    | 0.24    | 0.23       | 2.24    | ppb   |
| Lead       | 207-1 | 0.21    | 0.22    | 0.21    | 0.21       | 2.77    | ppb   |
| Lead       | 208-1 | 0.22    | 0.22    | 0.23    | 0.22       | 1.70    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1103.44 | 1076.45 | 1088.76 | 1089.55    | 1.24    | ppb   |
| Manganese  | 55-2  | 13.99   | 13.86   | 13.99   | 13.95      | 0.56    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-57-FL1-BR204 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:06:43  | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 14.18   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02    | 0.02    | 0.02       | 11.57   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.03    | 0.02       | 26.16   | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.03    | 0.01    | 0.02       | 56.14   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.02    | 0.02       | 18.78   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.53    | 0.44    | 0.50    | 0.49       | 9.20    | ppb   |
| Phosphorus | 31-2  | 656.75  | 631.66  | 684.77  | 657.72     | 4.04    | ppb   |
| Potassium  | 39-2  | 472.52  | 468.57  | 466.49  | 469.19     | 0.65    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | -0.27   | -0.27      |         | ppb   |
| Selenium   | 78-2  | 0.73    | 0.53    | 0.07    | 0.44       | 76.28   | ppb   |
| Selenium   | 82-1  | 0.36    | 0.22    | 0.18    | 0.25       | 38.51   | ppb   |
| Silicon    | 28-1  | 971.26  | 957.87  | 976.12  | 968.41     | 0.98    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 25.80   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 17.32   | ppb   |
| Sodium     | 23-2  | 9845.69 | 9837.62 | 9879.18 | 9854.16    | 0.22    | ppb   |
| Strontium  | 86-1  | 17.14   | 17.04   | 17.12   | 17.10      | 0.29    | ppb   |
| Strontium  | 88-1  | 17.13   | 17.10   | 17.29   | 17.17      | 0.59    | ppb   |
| Sulfur     | 34-1  | 599.43  | 521.24  | 655.94  | 592.20     | 11.42   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 19.51   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 15.86   | ppb   |
| Tin        | 118-1 | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.33    | 0.28    | 0.36    | 0.32       | 12.04   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.01    | 0.01       | 25.65   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.05    | 0.05       | 2.50    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 18.07   | 18.70   | 18.11   | 18.30      | 1.92    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 11.85   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-57-FL1-BR204 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:06:43  | DataFile Name :   | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.04    | 0.03       | 33.01   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-21 Instrumnet Name : P7  
 Client Sample ID : DC24741-58-FL1-CL204 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:10:06 DataFile Name : 092SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.74    | 5.18    | 5.94    | 5.62       | 7.07    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.05    | 0.05       | 2.61    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.34    | 0.31    | 0.32       | 6.40    | ppb   |
| Barium     | 135-1 | 16.37   | 16.07   | 16.09   | 16.17      | 1.03    | ppb   |
| Barium     | 137-1 | 16.84   | 16.32   | 16.33   | 16.49      | 1.79    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | 72.62   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.13    | 4.01    | 4.28    | 4.14       | 3.29    | ppb   |
| Boron      | 11-1  | 4.44    | 4.27    | 4.56    | 4.43       | 3.26    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.53   | -0.52   | -0.19   | -0.41      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.02    | 0.04    | 0.03       | 25.88   | ppb   |
| Calcium    | 43-1  | 4979.65 | 4770.21 | 4883.44 | 4877.77    | 2.15    | ppb   |
| Calcium    | 44-1  | 5030.14 | 4874.89 | 4887.15 | 4930.73    | 1.75    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.05   | -0.05   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.03    | 0.03    | 0.03       | 8.89    | ppb   |
| Copper     | 63-2  | 43.52   | 43.80   | 43.96   | 43.76      | 0.50    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 16.41   | 16.23   | 16.69   | 16.44      | 1.43    | ppb   |
| Iron       | 57-2  | 21.98   | 21.29   | 22.26   | 21.85      | 2.30    | ppb   |
| Lead       | 206-1 | 0.55    | 0.58    | 0.54    | 0.56       | 3.74    | ppb   |
| Lead       | 207-1 | 0.51    | 0.50    | 0.51    | 0.51       | 1.36    | ppb   |
| Lead       | 208-1 | 0.53    | 0.54    | 0.53    | 0.53       | 0.89    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1107.76 | 1134.42 | 1160.05 | 1134.08    | 2.31    | ppb   |
| Manganese  | 55-2  | 12.96   | 13.05   | 13.28   | 13.10      | 1.26    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-58-FL1-CL204, | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:10:06   | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.01    | 0.02       | 32.41   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.01    | 0.02    | 0.02       | 22.40   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.01    | 0.01       | 24.05   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.02    | 0.02    | 0.02       | 26.01   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.01    | 0.02    | 0.02       | 30.06   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 21.19   | 21.17   | 21.48   | 21.28      | 0.81    | ppb   |
| Phosphorus | 31-2  | 652.85  | 644.60  | 692.88  | 663.44     | 3.89    | ppb   |
| Potassium  | 39-2  | 487.74  | 494.48  | 500.73  | 494.32     | 1.31    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02   | 0.23    | -0.27   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.15    | 0.21    | -0.13   | 0.08       | 237.66  | ppb   |
| Selenium   | 82-1  | 0.46    | 0.03    | 0.16    | 0.22       | 99.27   | ppb   |
| Silicon    | 28-1  | 996.39  | 960.78  | 963.06  | 973.41     | 2.05    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 50.52   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 35.69   | ppb   |
| Sodium     | 23-2  | 9817.35 | 9820.02 | 9962.20 | 9866.52    | 0.84    | ppb   |
| Strontium  | 86-1  | 17.19   | 17.05   | 17.71   | 17.32      | 2.01    | ppb   |
| Strontium  | 88-1  | 17.47   | 17.35   | 17.57   | 17.47      | 0.62    | ppb   |
| Sulfur     | 34-1  | 528.18  | 358.34  | 366.88  | 417.80     | 22.90   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.02    | 0.02       | 41.77   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.67   | ppb   |
| Tin        | 118-1 | -0.05   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.34    | 0.33    | 0.31    | 0.33       | 4.44    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.01    | 0.01       | 20.91   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.05    | 0.05       | 10.19   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 162.76  | 165.59  | 166.53  | 164.96     | 1.19    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.02    | 0.02       | 6.73    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-58-FL1-CL204 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:10:06  | DataFile Name :   | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.03    | 0.03       | 4.00    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-22 Instrumnet Name : P7  
 Client Sample ID : DC24741-59-FL1-CL204 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:13:30 DataFile Name : 093SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 33.39   | 38.18   | 37.75   | 36.44      | 7.27    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 4.64    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.31    | 0.26    | 0.27       | 11.27   | ppb   |
| Barium     | 135-1 | 15.30   | 15.67   | 15.65   | 15.54      | 1.33    | ppb   |
| Barium     | 137-1 | 15.77   | 15.54   | 15.59   | 15.64      | 0.77    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.00       | 241.06  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.30    | 4.43    | 3.86    | 4.20       | 7.04    | ppb   |
| Boron      | 11-1  | 4.37    | 4.67    | 4.24    | 4.43       | 4.98    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.05   | -0.09   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -1.06   | -0.69   | -1.22   | -0.99      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.05    | 0.09    | 0.07       | 28.86   | ppb   |
| Calcium    | 43-1  | 4901.46 | 4830.24 | 4801.93 | 4844.54    | 1.06    | ppb   |
| Calcium    | 44-1  | 4988.06 | 4903.39 | 4852.26 | 4914.57    | 1.40    | ppb   |
| Chromium   | 52-2  | 0.95    | 0.99    | 0.97    | 0.97       | 1.85    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.01    | 0.02       | 34.92   | ppb   |
| Copper     | 63-2  | 35.97   | 36.15   | 36.49   | 36.20      | 0.72    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 20.19   | 20.59   | 20.04   | 20.28      | 1.39    | ppb   |
| Iron       | 57-2  | 23.37   | 25.22   | 27.30   | 25.30      | 7.77    | ppb   |
| Lead       | 206-1 | 0.19    | 0.21    | 0.21    | 0.21       | 5.03    | ppb   |
| Lead       | 207-1 | 0.17    | 0.20    | 0.20    | 0.19       | 10.31   | ppb   |
| Lead       | 208-1 | 0.19    | 0.20    | 0.20    | 0.19       | 3.60    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1108.51 | 1121.24 | 1103.14 | 1110.96    | 0.84    | ppb   |
| Manganese  | 55-2  | 10.65   | 10.62   | 10.58   | 10.61      | 0.33    | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-22 Instrumnet Name : P7  
 Client Sample ID : DC24741-59-FL1-CL204, Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:13:30 DataFile Name : 093SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.02    | 0.02    | 0.03       | 33.42   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.02    | 0.03    | 0.02       | 28.69   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.03    | 0.03    | 0.03       | 15.40   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.02    | 0.03    | 0.03       | 36.00   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.02    | 0.03       | 9.64    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.37    | 1.42    | 1.50    | 1.43       | 4.43    | ppb   |
| Phosphorus | 31-2  | 612.32  | 640.94  | 606.99  | 620.09     | 2.94    | ppb   |
| Potassium  | 39-2  | 474.92  | 469.79  | 469.11  | 471.27     | 0.67    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02   | -0.02   | -0.27   | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.65    | 0.38    | -0.15   | 0.29       | 137.90  | ppb   |
| Selenium   | 82-1  | 0.81    | 0.39    | -0.10   | 0.37       | 122.86  | ppb   |
| Silicon    | 28-1  | 979.38  | 958.07  | 954.04  | 963.83     | 1.41    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 139.86  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 16.08   | ppb   |
| Sodium     | 23-2  | 9553.41 | 9581.27 | 9526.47 | 9553.72    | 0.29    | ppb   |
| Strontium  | 86-1  | 17.06   | 17.23   | 16.76   | 17.02      | 1.38    | ppb   |
| Strontium  | 88-1  | 17.26   | 17.26   | 17.07   | 17.20      | 0.65    | ppb   |
| Sulfur     | 34-1  | 406.86  | 451.07  | 366.26  | 408.07     | 10.39   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.38   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.05   | ppb   |
| Tin        | 118-1 | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.36    | 0.30    | 0.33    | 0.33       | 10.34   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.01    | 0.00       | 35.83   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.06    | 0.05    | 0.06       | 14.77   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 18.74   | 19.59   | 19.70   | 19.34      | 2.74    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.03    | 0.02       | 16.49   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-59-FL1-CL204 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:13:30  | DataFile Name :   | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.03    | 0.03       | 26.47   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-60-FL1-CL201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:16:54  | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 16.14   | 16.58   | 14.92   | 15.88      | 5.39    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.03    | 0.04       | 14.86   | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.28    | 0.27    | 0.29       | 9.29    | ppb   |
| Barium     | 135-1 | 15.42   | 15.13   | 15.16   | 15.24      | 1.04    | ppb   |
| Barium     | 137-1 | 15.47   | 15.39   | 15.19   | 15.35      | 0.92    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 225.42  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.33    | 3.97    | 3.84    | 4.05       | 6.18    | ppb   |
| Boron      | 11-1  | 4.36    | 4.58    | 4.19    | 4.38       | 4.54    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.03   | -0.09   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.87   | -0.45   | -1.25   | -0.86      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.05    | 0.04    | 0.05       | 27.80   | ppb   |
| Calcium    | 43-1  | 4879.01 | 4856.14 | 4814.18 | 4849.78    | 0.68    | ppb   |
| Calcium    | 44-1  | 4904.13 | 4891.05 | 4863.96 | 4886.38    | 0.42    | ppb   |
| Chromium   | 52-2  | 0.40    | 0.36    | 0.37    | 0.38       | 5.89    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.01    | 0.01       | 40.83   | ppb   |
| Copper     | 63-2  | 36.19   | 36.05   | 36.13   | 36.12      | 0.19    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.41   | 20.87   | 20.89   | 21.06      | 1.44    | ppb   |
| Iron       | 57-2  | 39.90   | 24.49   | 25.66   | 30.02      | 28.58   | ppb   |
| Lead       | 206-1 | 0.21    | 0.21    | 0.21    | 0.21       | 1.01    | ppb   |
| Lead       | 207-1 | 0.18    | 0.20    | 0.20    | 0.20       | 5.39    | ppb   |
| Lead       | 208-1 | 0.20    | 0.20    | 0.21    | 0.20       | 3.08    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1105.48 | 1103.74 | 1101.03 | 1103.42    | 0.20    | ppb   |
| Manganese  | 55-2  | 12.42   | 12.56   | 12.75   | 12.58      | 1.30    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-60-FL1-CL201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:16:54  | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 16.37   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.03    | 0.02    | 0.02       | 36.15   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.01    | 0.01    | 0.01       | 36.30   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.02    | 0.04    | 0.03       | 39.32   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.03    | 0.02       | 25.35   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.30    | 2.32    | 2.29    | 2.30       | 0.61    | ppb   |
| Phosphorus | 31-2  | 692.11  | 665.50  | 625.30  | 660.97     | 5.09    | ppb   |
| Potassium  | 39-2  | 482.21  | 479.24  | 478.86  | 480.11     | 0.38    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.49    | -0.27   | 0.49    | 0.24       | 183.17  | ppb   |
| Selenium   | 78-2  | 0.11    | -0.30   | 0.57    | 0.13       | 345.67  | ppb   |
| Selenium   | 82-1  | 0.22    | 0.46    | 0.23    | 0.30       | 45.12   | ppb   |
| Silicon    | 28-1  | 958.95  | 955.79  | 951.32  | 955.35     | 0.40    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.00       | 8.26    | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 70.29   | ppb   |
| Sodium     | 23-2  | 9715.26 | 9820.59 | 9768.46 | 9768.10    | 0.54    | ppb   |
| Strontium  | 86-1  | 16.60   | 16.78   | 16.90   | 16.76      | 0.90    | ppb   |
| Strontium  | 88-1  | 16.92   | 16.93   | 16.90   | 16.92      | 0.08    | ppb   |
| Sulfur     | 34-1  | 425.65  | 462.48  | 468.90  | 452.34     | 5.16    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 28.26   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 21.94   | ppb   |
| Tin        | 118-1 | -0.03   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.26    | 0.40    | 0.27    | 0.31       | 25.30   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 17.20   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.04    | 0.05    | 0.05       | 31.74   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 26.87   | 26.79   | 26.94   | 26.87      | 0.28    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.03    | 0.02       | 18.47   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-60-FL1-CL201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:16:54  | DataFile Name :   | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.03    | 0.03       | 22.13   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-24 Instrumnet Name : P7  
 Client Sample ID : DC24741-61-FL1-CL201 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:20:19 DataFile Name : 095SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.17    | 4.51    | 6.39    | 5.35       | 17.78   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.04    | 0.04       | 4.73    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.25    | 0.20    | 0.26       | 21.53   | ppb   |
| Barium     | 135-1 | 15.28   | 15.49   | 15.33   | 15.37      | 0.72    | ppb   |
| Barium     | 137-1 | 15.46   | 15.43   | 15.42   | 15.44      | 0.16    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.01       | 59.83   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.67    | 4.60    | 4.22    | 4.16       | 11.27   | ppb   |
| Boron      | 11-1  | 4.53    | 4.64    | 4.53    | 4.57       | 1.44    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.57   | -0.24   | -0.35   | -0.39      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.06    | 0.09    | 0.05       | 100.59  | ppb   |
| Calcium    | 43-1  | 4863.32 | 4830.65 | 4833.85 | 4842.61    | 0.37    | ppb   |
| Calcium    | 44-1  | 4946.66 | 4907.79 | 4885.40 | 4913.28    | 0.63    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.02    | 0.02    | 0.02       | 10.78   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 123.41  | ppb   |
| Copper     | 63-2  | 41.36   | 42.34   | 42.10   | 41.93      | 1.22    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 19.04   | 19.34   | 20.93   | 19.77      | 5.11    | ppb   |
| Iron       | 57-2  | 22.56   | 24.70   | 27.23   | 24.83      | 9.42    | ppb   |
| Lead       | 206-1 | 0.14    | 0.14    | 0.15    | 0.14       | 2.61    | ppb   |
| Lead       | 207-1 | 0.13    | 0.15    | 0.15    | 0.14       | 6.73    | ppb   |
| Lead       | 208-1 | 0.13    | 0.14    | 0.14    | 0.14       | 4.80    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1098.25 | 1103.08 | 1101.40 | 1100.91    | 0.22    | ppb   |
| Manganese  | 55-2  | 12.37   | 12.68   | 12.44   | 12.50      | 1.29    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-61-FL1-CL201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:20:19  | DataFile Name :   | 095SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.02    | 0.02       | 35.38   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.01    | 0.02    | 0.02       | 26.88   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.02    | 0.02    | 0.02       | 22.94   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.03    | 0.01    | 0.02       | 36.42   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.02    | 0.02       | 2.32    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.13    | 1.17    | 1.20    | 1.16       | 3.04    | ppb   |
| Phosphorus | 31-2  | 661.77  | 685.90  | 665.97  | 671.21     | 1.92    | ppb   |
| Potassium  | 39-2  | 482.69  | 481.95  | 472.26  | 478.96     | 1.22    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02   | 0.48    | -0.27   | 0.07       | 568.54  | ppb   |
| Selenium   | 78-2  | -0.06   | 0.38    | 0.15    | 0.16       | 141.20  | ppb   |
| Selenium   | 82-1  | 0.10    | 0.27    | 0.49    | 0.28       | 68.16   | ppb   |
| Silicon    | 28-1  | 967.19  | 966.47  | 951.91  | 961.86     | 0.90    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 36.04   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 46.72   | ppb   |
| Sodium     | 23-2  | 9787.38 | 9751.33 | 9735.80 | 9758.17    | 0.27    | ppb   |
| Strontium  | 86-1  | 16.87   | 16.80   | 16.74   | 16.80      | 0.37    | ppb   |
| Strontium  | 88-1  | 16.98   | 16.93   | 16.92   | 16.94      | 0.21    | ppb   |
| Sulfur     | 34-1  | 564.42  | 576.05  | 560.90  | 567.13     | 1.40    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 23.68   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 11.82   | ppb   |
| Tin        | 118-1 | -0.03   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.35    | 0.32    | 0.30    | 0.32       | 8.12    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.67   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.05    | 0.06       | 4.59    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 19.30   | 19.27   | 19.44   | 19.33      | 0.47    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.03    | 0.02       | 27.83   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-61-FL1-CL201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:20:19  | DataFile Name :   | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.03    | 0.02       | 37.76   | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-25 Instrumnet Name : P7  
 Client Sample ID : DC24741-62-FL1-BR201 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:23:45 DataFile Name : 096SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.09   | 7.22    | 8.65    | 8.65       | 16.59   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.04    | 0.04       | 9.41    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.29    | 0.25    | 0.28       | 8.93    | ppb   |
| Barium     | 135-1 | 15.94   | 15.58   | 15.78   | 15.76      | 1.15    | ppb   |
| Barium     | 137-1 | 15.85   | 15.82   | 15.87   | 15.85      | 0.17    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 98.29   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.73    | 4.21    | 3.95    | 4.30       | 9.25    | ppb   |
| Boron      | 11-1  | 3.97    | 4.12    | 4.69    | 4.26       | 8.89    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.09   | -0.03   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.85   | -1.28   | -0.54   | -0.89      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.04    | 0.04    | 0.05       | 35.32   | ppb   |
| Calcium    | 43-1  | 4949.40 | 4802.61 | 4892.74 | 4881.59    | 1.52    | ppb   |
| Calcium    | 44-1  | 4959.28 | 4894.95 | 4909.44 | 4921.22    | 0.69    | ppb   |
| Chromium   | 52-2  | 0.10    | 0.10    | 0.09    | 0.09       | 7.20    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 4.80    | ppb   |
| Copper     | 63-2  | 54.44   | 54.36   | 54.83   | 54.54      | 0.46    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 27.49   | 24.71   | 24.20   | 25.47      | 6.96    | ppb   |
| Iron       | 57-2  | 33.06   | 30.66   | 28.52   | 30.75      | 7.39    | ppb   |
| Lead       | 206-1 | 0.31    | 0.29    | 0.29    | 0.30       | 3.82    | ppb   |
| Lead       | 207-1 | 0.28    | 0.28    | 0.29    | 0.28       | 2.72    | ppb   |
| Lead       | 208-1 | 0.29    | 0.29    | 0.29    | 0.29       | 1.06    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1087.08 | 1094.14 | 1090.17 | 1090.46    | 0.32    | ppb   |
| Manganese  | 55-2  | 14.16   | 14.51   | 14.61   | 14.42      | 1.64    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-62-FL1-BR201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:23:45  | DataFile Name :   | 096SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.03    | 0.02       | 28.81   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.01    | 0.02    | 0.02       | 25.71   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.01    | 0.01       | 37.04   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.02    | 0.04    | 0.03       | 29.52   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.02    | 0.02       | 15.23   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.81    | 0.78    | 0.79    | 0.80       | 2.02    | ppb   |
| Phosphorus | 31-2  | 662.22  | 660.55  | 628.62  | 650.46     | 2.91    | ppb   |
| Potassium  | 39-2  | 468.88  | 469.64  | 477.18  | 471.90     | 0.97    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Selenium   | 78-2  | -0.12   | 0.38    | 0.12    | 0.13       | 193.71  | ppb   |
| Selenium   | 82-1  | 0.34    | 0.60    | 0.60    | 0.51       | 29.29   | ppb   |
| Silicon    | 28-1  | 987.38  | 972.07  | 992.87  | 984.11     | 1.10    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 51.25   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 33.53   | ppb   |
| Sodium     | 23-2  | 9907.08 | 9905.37 | 9912.41 | 9908.29    | 0.04    | ppb   |
| Strontium  | 86-1  | 16.88   | 16.90   | 16.87   | 16.88      | 0.08    | ppb   |
| Strontium  | 88-1  | 17.03   | 17.41   | 17.22   | 17.22      | 1.08    | ppb   |
| Sulfur     | 34-1  | 703.61  | 560.28  | 702.83  | 655.57     | 12.59   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 7.14    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 29.30   | ppb   |
| Tin        | 118-1 | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.39    | 0.50    | 0.30    | 0.40       | 24.33   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 12.73   | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.04    | 0.05    | 0.04       | 11.77   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 27.02   | 26.99   | 27.01   | 27.01      | 0.05    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.03    | 0.02       | 23.04   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-62-FL1-BR201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:23:45  | DataFile Name :   | 096SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 13.28   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-26 Instrumnet Name : P7  
 Client Sample ID : DC24741-63-FL1-BR201 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:27:09 DataFile Name : 097SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.02    | 9.12    | 9.27    | 9.13       | 1.40    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 8.52    | ppb   |
| Arsenic    | 75-2  | 0.33    | 0.28    | 0.29    | 0.30       | 8.39    | ppb   |
| Barium     | 135-1 | 16.45   | 16.38   | 16.56   | 16.46      | 0.55    | ppb   |
| Barium     | 137-1 | 16.82   | 16.39   | 16.44   | 16.55      | 1.41    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 242.18  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.76    | 3.76    | 4.95    | 4.16       | 16.50   | ppb   |
| Boron      | 11-1  | 4.48    | 4.22    | 4.53    | 4.41       | 3.79    | ppb   |
| Cadmium    | 111-1 | 0.03    | -0.01   | -0.01   | 0.00       | 586.83  | ppb   |
| Cadmium    | 106-1 | 0.13    | -0.48   | -0.51   | -0.29      |         | ppb   |
| Cadmium    | 108-1 | 0.11    | 0.13    | 0.26    | 0.17       | 49.37   | ppb   |
| Calcium    | 43-1  | 4900.70 | 4920.70 | 4890.30 | 4903.90    | 0.32    | ppb   |
| Calcium    | 44-1  | 4947.85 | 4985.13 | 4916.05 | 4949.68    | 0.70    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.04    | 0.07    | 0.05       | 40.92   | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.03    | 0.03    | 0.03       | 16.80   | ppb   |
| Copper     | 63-2  | 118.52  | 118.52  | 118.38  | 118.47     | 0.07    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 35.84   | 35.34   | 36.12   | 35.77      | 1.10    | ppb   |
| Iron       | 57-2  | 39.74   | 38.95   | 40.42   | 39.70      | 1.85    | ppb   |
| Lead       | 206-1 | 3.48    | 3.38    | 3.44    | 3.43       | 1.53    | ppb   |
| Lead       | 207-1 | 3.22    | 3.14    | 3.16    | 3.17       | 1.24    | ppb   |
| Lead       | 208-1 | 3.33    | 3.24    | 3.32    | 3.30       | 1.44    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1128.03 | 1130.02 | 1121.17 | 1126.41    | 0.41    | ppb   |
| Manganese  | 55-2  | 20.46   | 20.64   | 20.20   | 20.43      | 1.07    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-26 Instrumnet Name : P7  
 Client Sample ID : DC24741-63-FL1-BR201 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:27:09 DataFile Name : 097SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.01     | 0.02       | 28.61   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.01     | 0.01     | 0.01       | 19.94   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.01     | 0.01       | 52.78   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.02     | 0.02     | 0.02       | 24.78   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 9.51    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 16.97    | 17.38    | 17.07    | 17.14      | 1.24    | ppb   |
| Phosphorus | 31-2  | 587.97   | 574.46   | 646.40   | 602.95     | 6.34    | ppb   |
| Potassium  | 39-2  | 510.33   | 514.77   | 507.27   | 510.79     | 0.74    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | -0.27    | -0.27      |         | ppb   |
| Selenium   | 78-2  | 0.04     | -0.25    | 0.03     | -0.06      |         | ppb   |
| Selenium   | 82-1  | 0.13     | -0.03    | 0.20     | 0.10       | 115.60  | ppb   |
| Silicon    | 28-1  | 965.85   | 967.27   | 985.27   | 972.80     | 1.11    | ppb   |
| Silver     | 109-1 | 0.04     | 0.03     | 0.04     | 0.04       | 3.99    | ppb   |
| Silver     | 107-1 | 0.04     | 0.03     | 0.04     | 0.04       | 12.51   | ppb   |
| Sodium     | 23-2  | 10083.51 | 10120.42 | 10081.35 | 10095.10   | 0.22    | ppb   |
| Strontium  | 86-1  | 17.59    | 16.95    | 17.47    | 17.34      | 1.95    | ppb   |
| Strontium  | 88-1  | 17.76    | 17.48    | 17.50    | 17.58      | 0.88    | ppb   |
| Sulfur     | 34-1  | 575.01   | 523.27   | 578.93   | 559.07     | 5.56    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.02     | 0.02       | 7.60    | ppb   |
| Thallium   | 205-1 | 0.02     | 0.01     | 0.01     | 0.02       | 6.04    | ppb   |
| Tin        | 118-1 | -0.06    | -0.04    | -0.06    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.46     | 0.24     | 0.40     | 0.37       | 31.00   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 8.17    | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05     | 0.05     | 0.06       | 12.81   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 539.88   | 542.73   | 539.47   | 540.69     | 0.33    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 16.70   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-63-FL1-BR201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:27:09  | DataFile Name :   | 097SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.03    | 0.03       | 15.98   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-64-FL2-CL303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:30:33  | DataFile Name :   | 098SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.48    | 5.42    | 4.82    | 4.91       | 9.72    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.08    | 0.08    | 0.08       | 4.24    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.22    | 0.23    | 0.25       | 17.07   | ppb   |
| Barium     | 135-1 | 16.03   | 15.85   | 15.86   | 15.91      | 0.63    | ppb   |
| Barium     | 137-1 | 15.99   | 15.85   | 15.67   | 15.83      | 1.01    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | 462.36  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.64    | 4.00    | 4.68    | 4.11       | 12.83   | ppb   |
| Boron      | 11-1  | 4.69    | 4.41    | 4.40    | 4.50       | 3.74    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.88   | -0.83   | -0.72   | -0.81      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.06    | 0.13    | 0.08       | 65.31   | ppb   |
| Calcium    | 43-1  | 4713.45 | 4821.42 | 4876.83 | 4803.90    | 1.73    | ppb   |
| Calcium    | 44-1  | 4872.15 | 4900.63 | 4874.07 | 4882.28    | 0.33    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.04    | 0.04    | 0.04       | 10.15   | ppb   |
| Copper     | 63-2  | 210.11  | 207.24  | 208.97  | 208.77     | 0.69    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.25   | 21.86   | 21.44   | 21.51      | 1.45    | ppb   |
| Iron       | 57-2  | 31.08   | 25.71   | 26.14   | 27.64      | 10.81   | ppb   |
| Lead       | 206-1 | 1.93    | 1.89    | 1.85    | 1.89       | 2.02    | ppb   |
| Lead       | 207-1 | 1.76    | 1.72    | 1.72    | 1.73       | 1.47    | ppb   |
| Lead       | 208-1 | 1.85    | 1.80    | 1.80    | 1.81       | 1.62    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1131.99 | 1120.72 | 1112.12 | 1121.61    | 0.89    | ppb   |
| Manganese  | 55-2  | 12.55   | 12.55   | 12.49   | 12.53      | 0.30    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-64-FL2-CL303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:30:33  | DataFile Name :   | 098SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01    | 0.01    | 0.02       | 18.37   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.02    | 0.02    | 0.01       | 18.57   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.02    | 0.02    | 0.02       | 16.43   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.02    | 0.02    | 0.02       | 37.58   | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.03    | 0.03    | 0.02       | 32.59   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 5.21     | 5.13    | 5.14    | 5.16       | 0.84    | ppb   |
| Phosphorus | 31-2  | 610.53   | 615.40  | 581.98  | 602.63     | 3.00    | ppb   |
| Potassium  | 39-2  | 489.20   | 483.74  | 489.91  | 487.62     | 0.69    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27   | 0.48    | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.09     | 0.12    | 0.25    | 0.15       | 54.21   | ppb   |
| Selenium   | 82-1  | 0.57     | -0.15   | 0.62    | 0.35       | 124.61  | ppb   |
| Silicon    | 28-1  | 953.32   | 965.44  | 960.30  | 959.69     | 0.63    | ppb   |
| Silver     | 109-1 | 0.01     | 0.02    | 0.02    | 0.02       | 10.33   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.01    | 0.01       | 20.66   | ppb   |
| Sodium     | 23-2  | 10014.84 | 9828.63 | 9779.45 | 9874.31    | 1.26    | ppb   |
| Strontium  | 86-1  | 17.24    | 17.17   | 17.18   | 17.19      | 0.21    | ppb   |
| Strontium  | 88-1  | 17.20    | 17.20   | 17.20   | 17.20      | 0.00    | ppb   |
| Sulfur     | 34-1  | 557.66   | 672.04  | 528.08  | 585.93     | 12.98   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02    | 0.02    | 0.02       | 20.02   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.01    | 0.01       | 1.29    | ppb   |
| Tin        | 118-1 | -0.04    | -0.05   | -0.06   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.30     | 0.29    | 0.34    | 0.31       | 7.57    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.00    | 0.00       | 52.55   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05    | 0.06    | 0.06       | 13.87   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 183.09   | 182.59  | 183.52  | 183.07     | 0.25    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01    | 0.02    | 0.02       | 25.96   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-64-FL2-CL303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:30:33  | DataFile Name :   | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.03    | 0.03       | 29.72   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-28 Instrumnet Name : P7  
 Client Sample ID : DC24741-65-FL2-CL303 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:33:57 DataFile Name : 099SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.89    | 5.35    | 5.66    | 5.30       | 7.30    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 5.61    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.31    | 0.22    | 0.27       | 17.44   | ppb   |
| Barium     | 135-1 | 15.49   | 15.75   | 15.37   | 15.53      | 1.24    | ppb   |
| Barium     | 137-1 | 15.75   | 15.71   | 15.67   | 15.71      | 0.24    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | 136.94  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.47    | 4.30    | 4.44    | 4.07       | 12.86   | ppb   |
| Boron      | 11-1  | 4.08    | 4.43    | 4.39    | 4.30       | 4.56    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.26   | -0.18   | -0.07   | -0.17      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.01    | 0.08    | 0.04       | 78.44   | ppb   |
| Calcium    | 43-1  | 4875.95 | 4741.43 | 4770.67 | 4796.02    | 1.48    | ppb   |
| Calcium    | 44-1  | 4875.57 | 4818.99 | 4866.14 | 4853.57    | 0.62    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 3.62    | ppb   |
| Copper     | 63-2  | 71.62   | 72.20   | 71.88   | 71.90      | 0.40    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.42   | 21.71   | 22.29   | 21.81      | 2.04    | ppb   |
| Iron       | 57-2  | 25.82   | 28.30   | 27.09   | 27.07      | 4.59    | ppb   |
| Lead       | 206-1 | 0.20    | 0.19    | 0.18    | 0.19       | 6.89    | ppb   |
| Lead       | 207-1 | 0.17    | 0.18    | 0.18    | 0.18       | 3.98    | ppb   |
| Lead       | 208-1 | 0.19    | 0.19    | 0.18    | 0.18       | 2.73    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1092.10 | 1106.28 | 1106.22 | 1101.53    | 0.74    | ppb   |
| Manganese  | 55-2  | 13.40   | 13.83   | 13.68   | 13.63      | 1.59    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-65-FL2-CL303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:33:57  | DataFile Name :   | 099SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.02    | 0.02       | 20.67   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.01    | 0.02    | 0.01       | 49.39   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.02    | 0.02       | 5.55    | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.02    | 0.02    | 0.02       | 22.17   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.03    | 0.02       | 20.13   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.43    | 0.47    | 0.48    | 0.46       | 5.05    | ppb   |
| Phosphorus | 31-2  | 643.21  | 650.01  | 679.48  | 657.57     | 2.93    | ppb   |
| Potassium  | 39-2  | 474.51  | 478.95  | 477.76  | 477.08     | 0.48    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | -0.27   | -0.27      |         | ppb   |
| Selenium   | 78-2  | 0.27    | 0.88    | 0.10    | 0.42       | 98.00   | ppb   |
| Selenium   | 82-1  | -0.11   | 0.76    | -0.20   | 0.15       | 355.76  | ppb   |
| Silicon    | 28-1  | 959.86  | 956.32  | 965.79  | 960.66     | 0.50    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 12.08   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 10.83   | ppb   |
| Sodium     | 23-2  | 9875.24 | 9962.10 | 9966.81 | 9934.72    | 0.52    | ppb   |
| Strontium  | 86-1  | 17.00   | 16.80   | 16.65   | 16.82      | 1.03    | ppb   |
| Strontium  | 88-1  | 17.16   | 17.16   | 17.10   | 17.14      | 0.20    | ppb   |
| Sulfur     | 34-1  | 697.52  | 640.04  | 675.08  | 670.88     | 4.32    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 2.36    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.29    | ppb   |
| Tin        | 118-1 | -0.06   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.29    | 0.33    | 0.28    | 0.30       | 9.95    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.01    | 0.01       | 27.37   | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.05    | 0.06    | 0.05       | 13.72   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 18.78   | 18.69   | 19.87   | 19.11      | 3.44    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 13.03   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-65-FL2-CL303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:33:57  | DataFile Name :   | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.02    | 0.02       | 40.32   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV72               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV72               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:37:21 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.88    | 1.58    | 1.88    | 1.78       | 9.87    | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.01    | 0.00       | 35.62   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.02    | 0.01    | 0.01       | 42.63   | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.00    | 0.01       | 37.48   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.97    | 0.73    | 0.70    | 0.80       | 18.56   | ppb   |
| Boron      | 11-1  | 0.60    | 0.83    | 0.64    | 0.69       | 18.06   | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.08   | -0.03   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | 0.29    | -1.10   | -0.42   | -0.41      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.04    | 0.01    | 0.02       | 86.18   | ppb   |
| Calcium    | 43-1  | 42.82   | 40.27   | 39.87   | 40.99      | 3.90    | ppb   |
| Calcium    | 44-1  | 45.21   | 44.75   | 45.85   | 45.27      | 1.21    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | 0.00    | 0.00       | 110.27  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.06    | 0.05    | 0.07    | 0.06       | 15.14   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.72    | 0.78    | 0.69    | 0.73       | 6.17    | ppb   |
| Iron       | 57-2  | 1.21    | 0.26    | 0.04    | 0.50       | 123.58  | ppb   |
| Lead       | 206-1 | 510.52  | 513.12  | 506.79  | 510.14     | 0.62    | ppb   |
| Lead       | 207-1 | 509.87  | 493.08  | 511.41  | 504.78     | 2.01    | ppb   |
| Lead       | 208-1 | 510.72  | 506.54  | 510.39  | 509.22     | 0.46    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.79    | 0.54    | 0.67    | 0.67       | 18.90   | ppb   |
| Manganese  | 55-2  | 0.07    | 0.05    | 0.08    | 0.07       | 20.08   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV72               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV72               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:37:21 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.01    | 0.00       | 363.78  | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.01    | 0.00       | 209.41  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.01    | 0.01    | 0.01       | 37.18   | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.01    | 0.00       | 26.06   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.03    | 0.01    | 0.02       | 83.75   | ppb   |
| Phosphorus | 31-2  | -7.53   | -12.27  | -9.18   | -9.66      |         | ppb   |
| Potassium  | 39-2  | 4.36    | 4.36    | 2.07    | 3.59       | 36.79   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.11   | 0.24    | 0.49    | 0.21       | 145.94  | ppb   |
| Selenium   | 82-1  | 0.08    | 0.55    | 0.16    | 0.26       | 96.16   | ppb   |
| Silicon    | 28-1  | -1.38   | -1.63   | -0.52   | -1.18      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 35.92   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.00       | 87.92   | ppb   |
| Sodium     | 23-2  | 24.48   | 23.30   | 22.56   | 23.45      | 4.12    | ppb   |
| Strontium  | 86-1  | 0.04    | 0.02    | 0.02    | 0.02       | 51.77   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 46.01   | ppb   |
| Sulfur     | 34-1  | -239.07 | -350.96 | -132.84 | -240.96    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 4.20    | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 0.65    | ppb   |
| Tin        | 118-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.04    | -0.01   | 0.00    | 0.01       | 355.92  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.01    | 0.01       | 16.45   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.29    | 1.13    | 1.29    | 1.24       | 7.64    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.01    | 0.00       | 158.39  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV72               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV72               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:37:21 | DataFile Name :   | 100SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.00    | 0.01       | 203.27  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB72               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB72               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:40:46 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.17   | -0.11   | -0.72   | -0.33      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 77.46   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.00    | 0.00       | 180.59  | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | 0.01    | 0.00       | 630.18  | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.46    | 0.44    | 0.21    | 0.37       | 37.97   | ppb   |
| Boron      | 11-1  | 0.37    | 0.38    | 0.35    | 0.37       | 4.71    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.03   | -0.06   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.32   | -0.36   | -0.82   | -0.50      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.04    | 0.02    | 0.02       | 114.07  | ppb   |
| Calcium    | 43-1  | 0.61    | 0.00    | 1.08    | 0.56       | 96.06   | ppb   |
| Calcium    | 44-1  | 2.34    | 2.86    | 2.56    | 2.58       | 10.09   | ppb   |
| Chromium   | 52-2  | 0.02    | 0.00    | -0.01   | 0.00       | 325.44  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.02    | 0.01    | 0.02       | 37.51   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.02    | 0.16    | 0.06    | 0.08       | 91.67   | ppb   |
| Iron       | 57-2  | 0.08    | -0.04   | -0.04   | 0.00       |         | ppb   |
| Lead       | 206-1 | 0.04    | 0.05    | 0.03    | 0.04       | 23.05   | ppb   |
| Lead       | 207-1 | 0.03    | 0.02    | 0.04    | 0.03       | 21.74   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.03    | 0.03       | 10.45   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.07    | 0.02    | 0.02    | 0.04       | 72.14   | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | 0.00    | 0.00       | 4.00    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB72               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB72               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:40:46 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -0.54   | -5.27   | -17.26  | -7.69      |         | ppb   |
| Potassium  | 39-2  | 1.33    | 0.37    | 1.92    | 1.20       | 65.13   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | 0.26    | 0.00    | 0.00       |         | ppb   |
| Selenium   | 78-2  | 0.82    | 0.13    | 0.26    | 0.41       | 91.05   | ppb   |
| Selenium   | 82-1  | 0.35    | 0.28    | 0.11    | 0.25       | 50.31   | ppb   |
| Silicon    | 28-1  | -2.19   | -1.38   | -2.29   | -1.95      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 61.04   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 4946.41 | ppb   |
| Sodium     | 23-2  | 22.71   | 23.47   | 21.34   | 22.51      | 4.79    | ppb   |
| Strontium  | 86-1  | 0.01    | 0.03    | 0.03    | 0.02       | 56.74   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -460.48 | -351.84 | -435.96 | -416.09    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.50   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | 0.01    | 0.01       | 59.88   | ppb   |
| Tin        | 118-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 82.92   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.00    | 0.02    | -0.03   | 0.00       |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 121.47  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB72               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB72               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:40:46 | DataFile Name :   | 101SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.00    | 0.00       | 102.43  | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-29 Instrumnet Name : P7  
 Client Sample ID : DC24741-66-FL2-BR303 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:44:12 DataFile Name : 102SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.74   | 19.04   | 18.44   | 19.41      | 6.16    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 1.56    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.27    | 0.25    | 0.28       | 12.59   | ppb   |
| Barium     | 135-1 | 16.67   | 16.43   | 16.86   | 16.66      | 1.31    | ppb   |
| Barium     | 137-1 | 16.68   | 16.83   | 16.63   | 16.71      | 0.62    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.00       | 990.78  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.79    | 3.69    | 4.29    | 3.92       | 8.20    | ppb   |
| Boron      | 11-1  | 4.13    | 4.20    | 4.03    | 4.12       | 2.03    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.46   | -0.48   | -0.76   | -0.57      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | 0.01    | 0.01       | 173.11  | ppb   |
| Calcium    | 43-1  | 4813.94 | 4882.04 | 4935.88 | 4877.29    | 1.25    | ppb   |
| Calcium    | 44-1  | 4929.54 | 4960.73 | 4956.29 | 4948.85    | 0.34    | ppb   |
| Chromium   | 52-2  | 0.39    | 0.42    | 0.37    | 0.39       | 6.19    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 10.86   | ppb   |
| Copper     | 63-2  | 129.15  | 130.05  | 129.77  | 129.65     | 0.36    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 27.05   | 26.83   | 26.62   | 26.83      | 0.81    | ppb   |
| Iron       | 57-2  | 31.50   | 31.18   | 29.93   | 30.87      | 2.69    | ppb   |
| Lead       | 206-1 | 1.76    | 1.72    | 1.77    | 1.75       | 1.50    | ppb   |
| Lead       | 207-1 | 1.65    | 1.62    | 1.56    | 1.61       | 2.70    | ppb   |
| Lead       | 208-1 | 1.68    | 1.65    | 1.67    | 1.66       | 0.69    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1112.82 | 1118.12 | 1100.37 | 1110.44    | 0.82    | ppb   |
| Manganese  | 55-2  | 16.04   | 16.18   | 16.21   | 16.15      | 0.56    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-66-FL2-BR303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:44:12  | DataFile Name :   | 102SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 17.44   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.02    | 0.02    | 0.02       | 44.42   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.01    | 0.02       | 27.46   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.01    | 0.02    | 0.03       | 79.59   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.03    | 0.02    | 0.02       | 32.01   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.03    | 2.15    | 2.12    | 2.10       | 3.03    | ppb   |
| Phosphorus | 31-2  | 637.06  | 663.50  | 646.99  | 649.18     | 2.06    | ppb   |
| Potassium  | 39-2  | 503.27  | 518.59  | 512.72  | 511.53     | 1.51    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02   | 0.23    | -0.02   | 0.07       | 218.50  | ppb   |
| Selenium   | 78-2  | 0.32    | -0.11   | 0.50    | 0.24       | 132.59  | ppb   |
| Selenium   | 82-1  | 0.42    | -0.07   | 0.10    | 0.15       | 168.26  | ppb   |
| Silicon    | 28-1  | 940.47  | 948.59  | 943.93  | 944.33     | 0.43    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 12.63   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 7.13    | ppb   |
| Sodium     | 23-2  | 9847.16 | 9906.48 | 9896.85 | 9883.50    | 0.32    | ppb   |
| Strontium  | 86-1  | 17.06   | 17.25   | 17.52   | 17.27      | 1.33    | ppb   |
| Strontium  | 88-1  | 17.48   | 17.29   | 17.54   | 17.43      | 0.75    | ppb   |
| Sulfur     | 34-1  | 323.88  | 542.61  | 389.60  | 418.70     | 26.80   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 21.14   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.01   | ppb   |
| Tin        | 118-1 | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.37    | 0.28    | 0.36    | 0.34       | 14.11   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.01    | 0.01       | 29.02   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.05    | 0.05       | 0.44    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 122.12  | 122.43  | 121.89  | 122.15     | 0.22    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.02    | 0.03       | 19.23   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-66-FL2-BR303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:44:12  | DataFile Name :   | 102SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.02    | 0.01    | 0.03       | 56.49   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-30 Instrumnet Name : P7  
 Client Sample ID : DC24741-67-FL2-BR303 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:47:36 DataFile Name : 103SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.48    | 7.18    | 7.01    | 7.22       | 3.30    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.05    | 0.04    | 0.04       | 21.06   | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.27    | 0.32    | 0.29       | 8.30    | ppb   |
| Barium     | 135-1 | 16.32   | 15.92   | 15.95   | 16.07      | 1.40    | ppb   |
| Barium     | 137-1 | 16.01   | 16.11   | 16.09   | 16.07      | 0.33    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | 0.00    | 0.01       | 110.29  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.84    | 4.22    | 3.77    | 3.94       | 6.07    | ppb   |
| Boron      | 11-1  | 4.32    | 4.00    | 3.91    | 4.08       | 5.31    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.51   | -0.62   | -0.98   | -0.70      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.02    | 0.02    | 0.04       | 65.40   | ppb   |
| Calcium    | 43-1  | 4802.58 | 4754.65 | 4735.25 | 4764.16    | 0.73    | ppb   |
| Calcium    | 44-1  | 4851.57 | 4828.83 | 4815.45 | 4831.95    | 0.38    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.00    | 0.03    | 0.02       | 101.35  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 42.64   | ppb   |
| Copper     | 63-2  | 105.60  | 106.08  | 106.82  | 106.16     | 0.58    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.92   | 22.79   | 22.80   | 22.84      | 0.31    | ppb   |
| Iron       | 57-2  | 25.86   | 28.65   | 27.27   | 27.26      | 5.12    | ppb   |
| Lead       | 206-1 | 0.26    | 0.28    | 0.26    | 0.27       | 3.18    | ppb   |
| Lead       | 207-1 | 0.26    | 0.24    | 0.24    | 0.25       | 3.78    | ppb   |
| Lead       | 208-1 | 0.25    | 0.25    | 0.25    | 0.25       | 1.59    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1091.61 | 1102.02 | 1100.39 | 1098.00    | 0.51    | ppb   |
| Manganese  | 55-2  | 14.46   | 14.44   | 14.54   | 14.48      | 0.39    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-67-FL2-BR303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:47:36  | DataFile Name :   | 103SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 12.10   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.02    | 0.02    | 0.02       | 24.76   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.01    | 0.02    | 0.02       | 29.78   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.03    | 0.02    | 0.03       | 21.70   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.02    | 0.02       | 19.59   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.35    | 0.32    | 0.37    | 0.35       | 6.91    | ppb   |
| Phosphorus | 31-2  | 723.10  | 638.60  | 693.21  | 684.97     | 6.26    | ppb   |
| Potassium  | 39-2  | 476.33  | 479.15  | 476.70  | 477.39     | 0.32    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02   | -0.27   | -0.02   | -0.10      |         | ppb   |
| Selenium   | 78-2  | -0.35   | 0.01    | 0.09    | -0.08      |         | ppb   |
| Selenium   | 82-1  | 0.36    | 0.74    | 0.69    | 0.60       | 34.93   | ppb   |
| Silicon    | 28-1  | 945.65  | 954.66  | 934.07  | 944.80     | 1.09    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 26.81   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 48.78   | ppb   |
| Sodium     | 23-2  | 9719.10 | 9712.59 | 9739.43 | 9723.71    | 0.14    | ppb   |
| Strontium  | 86-1  | 16.67   | 17.13   | 17.10   | 16.97      | 1.52    | ppb   |
| Strontium  | 88-1  | 17.03   | 17.12   | 17.33   | 17.16      | 0.90    | ppb   |
| Sulfur     | 34-1  | 538.52  | 607.52  | 461.13  | 535.72     | 13.67   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.02    | 0.01       | 25.23   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 3.75    | ppb   |
| Tin        | 118-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.39    | 0.31    | 0.32    | 0.34       | 13.45   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.01    | 0.00       | 15.12   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.05    | 0.05       | 6.73    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 17.48   | 17.57   | 17.26   | 17.44      | 0.91    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.03    | 0.02       | 5.81    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-67-FL2-BR303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:47:36  | DataFile Name :   | 103SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.02    | 0.03       | 33.61   | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-31 Instrumnet Name : P7  
 Client Sample ID : DC24741-68-FL2-CL304 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:51:00 DataFile Name : 104SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.81   | 5.44    | 7.22    | 7.83       | 34.97   | ppb   |
| Antimony   | 121-1 | 0.10    | 0.10    | 0.10    | 0.10       | 0.69    | ppb   |
| Arsenic    | 75-2  | 0.35    | 0.27    | 0.27    | 0.30       | 15.65   | ppb   |
| Barium     | 135-1 | 17.55   | 17.24   | 17.35   | 17.38      | 0.89    | ppb   |
| Barium     | 137-1 | 17.70   | 17.51   | 17.18   | 17.47      | 1.49    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 309.12  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.39    | 3.86    | 4.14    | 3.80       | 9.88    | ppb   |
| Boron      | 11-1  | 4.27    | 4.41    | 4.05    | 4.25       | 4.22    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.05   | -0.01   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.46   | -0.79   | -0.42   | -0.55      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.08    | 0.04    | 0.07       | 47.42   | ppb   |
| Calcium    | 43-1  | 4925.49 | 4999.06 | 5036.41 | 4986.99    | 1.13    | ppb   |
| Calcium    | 44-1  | 5015.58 | 5046.75 | 5043.96 | 5035.43    | 0.34    | ppb   |
| Chromium   | 52-2  | 0.07    | 0.06    | 0.04    | 0.05       | 27.66   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.03    | 0.03       | 20.12   | ppb   |
| Copper     | 63-2  | 172.12  | 172.61  | 172.09  | 172.27     | 0.17    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 20.11   | 20.31   | 20.47   | 20.30      | 0.89    | ppb   |
| Iron       | 57-2  | 25.51   | 25.30   | 27.46   | 26.09      | 4.56    | ppb   |
| Lead       | 206-1 | 3.68    | 3.66    | 3.69    | 3.67       | 0.41    | ppb   |
| Lead       | 207-1 | 3.31    | 3.34    | 3.24    | 3.30       | 1.53    | ppb   |
| Lead       | 208-1 | 3.48    | 3.49    | 3.43    | 3.47       | 0.90    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1173.60 | 1162.86 | 1165.94 | 1167.47    | 0.47    | ppb   |
| Manganese  | 55-2  | 14.71   | 14.61   | 14.91   | 14.74      | 1.04    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-31             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-68-FL2-CL304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:51:00  | DataFile Name :   | 104SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.01    | 0.01       | 22.05   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.02    | 0.02    | 0.02       | 33.88   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.01    | 0.01       | 26.43   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.01    | 0.02    | 0.02       | 37.48   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.01    | 0.02    | 0.01       | 58.24   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.76    | 2.60    | 2.68    | 2.68       | 3.02    | ppb   |
| Phosphorus | 31-2  | 641.64  | 603.87  | 574.45  | 606.65     | 5.55    | ppb   |
| Potassium  | 39-2  | 494.59  | 492.05  | 498.40  | 495.02     | 0.65    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.02   | 0.23    | 0.23    | 0.15       | 96.98   | ppb   |
| Selenium   | 78-2  | 0.16    | 0.43    | 0.50    | 0.36       | 49.44   | ppb   |
| Selenium   | 82-1  | 0.68    | 0.30    | 0.03    | 0.34       | 98.30   | ppb   |
| Silicon    | 28-1  | 950.72  | 959.86  | 968.56  | 959.71     | 0.93    | ppb   |
| Silver     | 109-1 | 0.02    | 0.03    | 0.02    | 0.02       | 22.50   | ppb   |
| Silver     | 107-1 | 0.03    | 0.02    | 0.03    | 0.03       | 11.85   | ppb   |
| Sodium     | 23-2  | 9903.83 | 9796.60 | 9847.25 | 9849.23    | 0.54    | ppb   |
| Strontium  | 86-1  | 17.63   | 17.32   | 17.96   | 17.64      | 1.83    | ppb   |
| Strontium  | 88-1  | 17.72   | 17.65   | 18.00   | 17.79      | 1.04    | ppb   |
| Sulfur     | 34-1  | 618.93  | 645.40  | 714.47  | 659.60     | 7.48    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 7.51    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 32.85   | ppb   |
| Tin        | 118-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.26    | 0.31    | 0.36    | 0.31       | 17.04   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 19.63   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.04    | 0.07    | 0.05       | 28.37   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 184.76  | 184.54  | 182.34  | 183.88     | 0.73    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.03    | 0.02       | 12.98   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-31             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-68-FL2-CL304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:51:00  | DataFile Name :   | 104SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.00    | 0.02       | 67.96   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-32 Instrumnet Name : P7  
 Client Sample ID : DC24741-69-FL2-CL304 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:54:24 DataFile Name : 105SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.38    | 6.82    | 6.50    | 6.56       | 3.46    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.03    | 0.04       | 15.24   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.28    | 0.32    | 0.28       | 16.59   | ppb   |
| Barium     | 135-1 | 16.34   | 17.07   | 16.69   | 16.70      | 2.20    | ppb   |
| Barium     | 137-1 | 16.65   | 16.98   | 16.62   | 16.75      | 1.21    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 1101.43 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.35    | 4.02    | 4.31    | 4.23       | 4.27    | ppb   |
| Boron      | 11-1  | 4.21    | 4.08    | 4.19    | 4.16       | 1.71    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.08   | 0.00    | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.34   | -1.07   | 0.00    | -0.47      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.02    | 0.05    | 0.02       | 128.71  | ppb   |
| Calcium    | 43-1  | 4758.10 | 4766.51 | 4813.15 | 4779.25    | 0.62    | ppb   |
| Calcium    | 44-1  | 4891.15 | 4834.39 | 4876.21 | 4867.25    | 0.60    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.06    | 0.04    | 0.06       | 24.39   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.02    | 0.01    | 0.01       | 28.05   | ppb   |
| Copper     | 63-2  | 131.00  | 132.95  | 130.78  | 131.58     | 0.91    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 20.73   | 20.68   | 20.12   | 20.51      | 1.66    | ppb   |
| Iron       | 57-2  | 24.34   | 26.88   | 22.54   | 24.59      | 8.87    | ppb   |
| Lead       | 206-1 | 0.32    | 0.34    | 0.33    | 0.33       | 3.47    | ppb   |
| Lead       | 207-1 | 0.30    | 0.29    | 0.30    | 0.30       | 2.92    | ppb   |
| Lead       | 208-1 | 0.31    | 0.31    | 0.32    | 0.31       | 1.58    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1091.83 | 1102.72 | 1094.34 | 1096.29    | 0.52    | ppb   |
| Manganese  | 55-2  | 13.90   | 13.88   | 13.87   | 13.88      | 0.12    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-69-FL2-CL304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:54:24  | DataFile Name :   | 105SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 19.26   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.02    | 0.02    | 0.01       | 89.38   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.02    | 0.02       | 13.76   | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.02    | 0.01    | 0.01       | 55.66   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.03    | 0.02    | 0.02       | 25.06   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.61    | 1.62    | 1.57    | 1.60       | 1.72    | ppb   |
| Phosphorus | 31-2  | 677.81  | 699.22  | 700.86  | 692.63     | 1.86    | ppb   |
| Potassium  | 39-2  | 479.05  | 480.39  | 473.29  | 477.57     | 0.79    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | 0.47    | -0.27   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.11    | -0.09   | 0.30    | 0.10       | 189.87  | ppb   |
| Selenium   | 82-1  | 0.68    | 0.26    | 0.28    | 0.41       | 58.01   | ppb   |
| Silicon    | 28-1  | 968.02  | 925.58  | 937.11  | 943.57     | 2.33    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 20.52   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.61   | ppb   |
| Sodium     | 23-2  | 9752.91 | 9951.61 | 9721.90 | 9808.81    | 1.27    | ppb   |
| Strontium  | 86-1  | 17.06   | 17.17   | 17.14   | 17.12      | 0.32    | ppb   |
| Strontium  | 88-1  | 17.28   | 17.26   | 17.48   | 17.34      | 0.71    | ppb   |
| Sulfur     | 34-1  | 675.60  | 543.47  | 672.35  | 630.47     | 11.95   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.02    | 0.02       | 6.29    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 12.60   | ppb   |
| Tin        | 118-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.38    | 0.34    | 0.27    | 0.33       | 16.76   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.00    | 0.01       | 48.25   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.06    | 0.05       | 6.90    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 13.81   | 14.61   | 14.62   | 14.35      | 3.25    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.02    | 0.02       | 18.15   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-69-FL2-CL304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:54:24  | DataFile Name :   | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.02    | 0.02       | 12.74   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-33 Instrumnet Name : P7  
 Client Sample ID : DC24741-70-FL2-BR304 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:57:48 DataFile Name : 106SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.88    | 12.55   | 10.64   | 11.02      | 12.48   | ppb   |
| Antimony   | 121-1 | 0.11    | 0.11    | 0.11    | 0.11       | 1.41    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.27    | 0.36    | 0.32       | 13.34   | ppb   |
| Barium     | 135-1 | 17.62   | 17.75   | 17.28   | 17.55      | 1.37    | ppb   |
| Barium     | 137-1 | 17.47   | 17.68   | 17.12   | 17.42      | 1.61    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 140.82  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.99    | 4.29    | 4.24    | 4.18       | 3.89    | ppb   |
| Boron      | 11-1  | 4.41    | 4.67    | 4.59    | 4.56       | 2.93    | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.01   | -0.03   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.10    | -0.33   | -0.67   | -0.30      |         | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.09    | 0.01    | 0.06       | 76.04   | ppb   |
| Calcium    | 43-1  | 5001.52 | 4909.86 | 5013.80 | 4975.06    | 1.14    | ppb   |
| Calcium    | 44-1  | 5028.81 | 5016.81 | 5057.73 | 5034.45    | 0.42    | ppb   |
| Chromium   | 52-2  | 0.14    | 0.14    | 0.13    | 0.14       | 2.67    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 4.29    | ppb   |
| Copper     | 63-2  | 192.42  | 196.72  | 198.81  | 195.99     | 1.66    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 33.04   | 32.53   | 32.69   | 32.75      | 0.80    | ppb   |
| Iron       | 57-2  | 35.76   | 38.60   | 39.09   | 37.82      | 4.75    | ppb   |
| Lead       | 206-1 | 4.05    | 3.97    | 3.98    | 4.00       | 1.06    | ppb   |
| Lead       | 207-1 | 3.88    | 3.73    | 3.75    | 3.78       | 2.12    | ppb   |
| Lead       | 208-1 | 3.92    | 3.90    | 3.89    | 3.91       | 0.40    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1108.98 | 1139.41 | 1149.52 | 1132.64    | 1.86    | ppb   |
| Manganese  | 55-2  | 20.42   | 20.56   | 20.98   | 20.65      | 1.41    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-70-FL2-BR304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:57:48  | DataFile Name :   | 106SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02     | 0.02    | 0.02       | 12.44   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.01     | 0.03    | 0.02       | 44.55   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01     | 0.02    | 0.01       | 26.31   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.03     | 0.02    | 0.02       | 27.09   | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.02     | 0.02    | 0.02       | 23.69   | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 2.51    | 2.53     | 2.49    | 2.51       | 0.74    | ppb   |
| Phosphorus | 31-2  | 593.08  | 659.25   | 669.95  | 640.76     | 6.50    | ppb   |
| Potassium  | 39-2  | 476.79  | 488.61   | 491.43  | 485.61     | 1.60    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27    | -0.27   | -0.27      |         | ppb   |
| Selenium   | 78-2  | 0.79    | 0.34     | 0.46    | 0.53       | 43.97   | ppb   |
| Selenium   | 82-1  | 0.68    | 0.43     | -0.16   | 0.31       | 136.35  | ppb   |
| Silicon    | 28-1  | 988.02  | 976.54   | 988.03  | 984.20     | 0.67    | ppb   |
| Silver     | 109-1 | 0.03    | 0.03     | 0.03    | 0.03       | 5.38    | ppb   |
| Silver     | 107-1 | 0.02    | 0.03     | 0.03    | 0.03       | 15.28   | ppb   |
| Sodium     | 23-2  | 9879.11 | 10025.03 | 9987.39 | 9963.84    | 0.76    | ppb   |
| Strontium  | 86-1  | 17.97   | 17.66    | 17.92   | 17.85      | 0.94    | ppb   |
| Strontium  | 88-1  | 17.99   | 17.74    | 18.00   | 17.91      | 0.83    | ppb   |
| Sulfur     | 34-1  | 726.81  | 757.10   | 727.28  | 737.06     | 2.36    | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02     | 0.02    | 0.02       | 17.41   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01     | 0.01    | 0.01       | 3.77    | ppb   |
| Tin        | 118-1 | 0.27    | 0.28     | 0.25    | 0.27       | 5.18    | ppb   |
| Titanium   | 47-1  | 0.35    | 0.33     | 0.47    | 0.38       | 20.01   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00     | 0.01    | 0.01       | 38.20   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05     | 0.07    | 0.06       | 10.95   | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 96.41   | 97.82    | 100.32  | 98.18      | 2.02    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03     | 0.02    | 0.02       | 16.06   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-70-FL2-BR304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:57:48  | DataFile Name :   | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 21.68   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-71-FL2-BR304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:01:12  | DataFile Name :   | 107SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 24.06   | 18.17   | 25.50   | 22.58      | 17.19   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.06    | 0.05       | 5.90    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.28    | 0.23    | 0.28       | 15.44   | ppb   |
| Barium     | 135-1 | 17.17   | 17.14   | 16.63   | 16.98      | 1.79    | ppb   |
| Barium     | 137-1 | 17.21   | 17.04   | 16.82   | 17.02      | 1.16    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.00    | 0.00       | 179.48  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.99    | 4.22    | 4.01    | 4.07       | 3.14    | ppb   |
| Boron      | 11-1  | 4.35    | 4.25    | 4.36    | 4.32       | 1.41    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.06   | -0.02   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.96   | -0.83   | -0.34   | -0.71      |         | ppb   |
| Cadmium    | 108-1 | 0.12    | 0.08    | 0.04    | 0.08       | 53.40   | ppb   |
| Calcium    | 43-1  | 4980.01 | 5039.53 | 4959.30 | 4992.95    | 0.83    | ppb   |
| Calcium    | 44-1  | 5038.45 | 5047.84 | 5023.84 | 5036.71    | 0.24    | ppb   |
| Chromium   | 52-2  | 0.44    | 0.42    | 0.43    | 0.43       | 3.25    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.01    | 0.02       | 40.08   | ppb   |
| Copper     | 63-2  | 127.35  | 124.56  | 126.97  | 126.29     | 1.20    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.15   | 22.07   | 21.79   | 22.01      | 0.85    | ppb   |
| Iron       | 57-2  | 25.60   | 27.62   | 26.86   | 26.69      | 3.83    | ppb   |
| Lead       | 206-1 | 0.49    | 0.50    | 0.47    | 0.49       | 3.01    | ppb   |
| Lead       | 207-1 | 0.47    | 0.46    | 0.45    | 0.46       | 2.17    | ppb   |
| Lead       | 208-1 | 0.47    | 0.47    | 0.47    | 0.47       | 0.38    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1120.58 | 1086.09 | 1100.11 | 1102.26    | 1.57    | ppb   |
| Manganese  | 55-2  | 12.54   | 12.60   | 12.72   | 12.62      | 0.70    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-71-FL2-BR304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:01:12  | DataFile Name :   | 107SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.03    | 0.01    | 0.02       | 74.93   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02    | 0.03    | 0.02       | 39.88   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.02    | 0.01       | 64.85   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.02    | 0.02       | 16.83   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.02    | 0.03    | 0.03       | 26.84   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.01    | 0.97    | 0.97    | 0.98       | 1.96    | ppb   |
| Phosphorus | 31-2  | 635.13  | 620.30  | 724.80  | 660.07     | 8.57    | ppb   |
| Potassium  | 39-2  | 481.84  | 466.13  | 484.36  | 477.45     | 2.07    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | 0.23    | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.50    | -0.10   | -0.19   | 0.07       | 526.97  | ppb   |
| Selenium   | 82-1  | 0.22    | 0.20    | 0.51    | 0.31       | 55.69   | ppb   |
| Silicon    | 28-1  | 950.51  | 965.45  | 943.85  | 953.27     | 1.16    | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 14.12   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.02    | 0.01       | 18.77   | ppb   |
| Sodium     | 23-2  | 9889.23 | 9698.75 | 9810.81 | 9799.60    | 0.98    | ppb   |
| Strontium  | 86-1  | 17.75   | 17.75   | 17.33   | 17.61      | 1.40    | ppb   |
| Strontium  | 88-1  | 17.64   | 17.68   | 17.51   | 17.61      | 0.50    | ppb   |
| Sulfur     | 34-1  | 579.90  | 618.46  | 586.96  | 595.11     | 3.45    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 6.08    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 25.48   | ppb   |
| Tin        | 118-1 | -0.05   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.35    | 0.33    | 0.38    | 0.35       | 6.25    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.01    | 0.00       | 30.06   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.05    | 0.05       | 8.50    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 26.18   | 25.86   | 26.14   | 26.06      | 0.66    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.02    | 0.02       | 21.32   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-71-FL2-BR304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:01:12  | DataFile Name :   | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.02    | 0.02       | 29.90   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-35 Instrumnet Name : P7  
 Client Sample ID : DC24741-72-FL2-H-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:04:36 DataFile Name : 108SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.86    | 3.74    | 3.43    | 4.35       | 30.40   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.04    | 0.04       | 10.63   | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.29    | 0.27    | 0.28       | 4.91    | ppb   |
| Barium     | 135-1 | 15.95   | 15.57   | 15.79   | 15.77      | 1.23    | ppb   |
| Barium     | 137-1 | 15.80   | 15.70   | 15.71   | 15.74      | 0.34    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.00       | 1082.11 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.06    | 4.13    | 3.95    | 4.05       | 2.33    | ppb   |
| Boron      | 11-1  | 3.93    | 4.29    | 4.12    | 4.11       | 4.31    | ppb   |
| Cadmium    | 111-1 | -0.06   | 0.00    | -0.05   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.86   | -0.18   | -0.64   | -0.56      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.06    | 0.09    | 0.06       | 59.67   | ppb   |
| Calcium    | 43-1  | 4889.19 | 4911.86 | 4884.82 | 4895.29    | 0.30    | ppb   |
| Calcium    | 44-1  | 5021.84 | 5023.17 | 4917.17 | 4987.39    | 1.22    | ppb   |
| Chromium   | 52-2  | 0.07    | 0.03    | 0.02    | 0.04       | 63.28   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 2.32    | ppb   |
| Copper     | 63-2  | 209.10  | 211.87  | 208.04  | 209.67     | 0.94    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 18.50   | 21.76   | 18.87   | 19.71      | 9.07    | ppb   |
| Iron       | 57-2  | 22.70   | 24.55   | 26.99   | 24.75      | 8.68    | ppb   |
| Lead       | 206-1 | 0.23    | 0.23    | 0.22    | 0.23       | 2.84    | ppb   |
| Lead       | 207-1 | 0.20    | 0.21    | 0.20    | 0.21       | 2.38    | ppb   |
| Lead       | 208-1 | 0.21    | 0.22    | 0.21    | 0.22       | 1.93    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1132.78 | 1128.12 | 1109.80 | 1123.57    | 1.08    | ppb   |
| Manganese  | 55-2  | 12.62   | 12.33   | 12.24   | 12.40      | 1.60    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-35              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-72-FL2-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:04:36   | DataFile Name :   | 108SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.02    | 0.01    | 0.02       | 35.10   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.01    | 0.02    | 0.02       | 26.62   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.01    | 0.02    | 0.01       | 9.87    | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.05    | 0.02    | 0.03       | 76.80   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.02    | 0.02       | 14.97   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.43    | 1.39    | 1.41    | 1.41       | 1.23    | ppb   |
| Phosphorus | 31-2  | 674.78  | 635.64  | 666.93  | 659.11     | 3.14    | ppb   |
| Potassium  | 39-2  | 491.39  | 482.75  | 485.12  | 486.42     | 0.92    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.01   | -0.27   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.08   | 0.54    | -0.16   | 0.10       | 390.70  | ppb   |
| Selenium   | 82-1  | 0.38    | 0.38    | -0.19   | 0.19       | 173.52  | ppb   |
| Silicon    | 28-1  | 979.04  | 975.94  | 974.16  | 976.38     | 0.25    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 36.20   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 139.95  | ppb   |
| Sodium     | 23-2  | 9941.57 | 9842.88 | 9752.39 | 9845.62    | 0.96    | ppb   |
| Strontium  | 86-1  | 17.26   | 17.23   | 17.14   | 17.21      | 0.38    | ppb   |
| Strontium  | 88-1  | 17.41   | 17.50   | 17.47   | 17.46      | 0.26    | ppb   |
| Sulfur     | 34-1  | 424.04  | 464.25  | 501.24  | 463.18     | 8.34    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 35.44   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 23.84   | ppb   |
| Tin        | 118-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.29    | 0.28    | 0.32    | 0.30       | 6.68    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.00    | 0.00       | 37.80   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.06    | 0.05       | 9.77    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 30.19   | 29.70   | 28.94   | 29.61      | 2.14    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 13.68   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-35              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-72-FL2-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:04:36   | DataFile Name :   | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.03    | 0.02       | 39.27   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101368BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101368BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:08:01 | DataFile Name :   | 109SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.71   | 0.07    | -0.42   | -0.36      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 104.57  | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.01    | 0.01    | 0.01       | 128.86  | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.33    | 0.84    | 0.50    | 0.55       | 46.86   | ppb   |
| Boron      | 11-1  | 0.57    | 0.42    | 0.52    | 0.50       | 15.46   | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.04   | -0.06   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.97   | -0.55   | -0.91   | -0.81      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.03    | -0.02   | 0.01       | 439.66  | ppb   |
| Calcium    | 43-1  | 4.14    | 1.27    | 3.02    | 2.81       | 51.46   | ppb   |
| Calcium    | 44-1  | 5.26    | 5.24    | 5.66    | 5.39       | 4.35    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.03    | 0.03    | 0.04       | 13.44   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.10    | 0.13    | 0.08    | 0.10       | 24.86   | ppb   |
| Iron       | 57-2  | -0.12   | 0.15    | -0.17   | -0.05      |         | ppb   |
| Lead       | 206-1 | 0.02    | 0.02    | 0.03    | 0.02       | 27.26   | ppb   |
| Lead       | 207-1 | 0.03    | 0.02    | 0.01    | 0.02       | 38.19   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 12.42   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.09    | 0.12    | 0.05    | 0.08       | 41.04   | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | 0.00    | 0.00       | 43.01   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101368BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101368BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:08:01 | DataFile Name :   | 109SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.03    | 0.00    | 0.01       | 93.85   | ppb   |
| Phosphorus | 31-2  | -13.03  | -3.35   | -13.86  | -10.08     |         | ppb   |
| Potassium  | 39-2  | 2.08    | 0.58    | 4.61    | 2.42       | 84.12   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | -0.01   | -0.27   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.42    | 0.02    | -0.05   | 0.13       | 193.60  | ppb   |
| Selenium   | 82-1  | 0.43    | 0.07    | 0.39    | 0.30       | 66.88   | ppb   |
| Silicon    | 28-1  | -1.92   | -0.88   | -1.25   | -1.35      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 3043.26 | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 217.87  | ppb   |
| Sodium     | 23-2  | 24.45   | 22.63   | 22.62   | 23.23      | 4.55    | ppb   |
| Strontium  | 86-1  | 0.03    | 0.00    | 0.01    | 0.01       | 117.71  | ppb   |
| Strontium  | 88-1  | 0.01    | 0.00    | 0.00    | 0.00       | 97.75   | ppb   |
| Sulfur     | 34-1  | -336.60 | -295.93 | -297.17 | -309.90    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 6.41    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 10.80   | ppb   |
| Tin        | 118-1 | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.00    | 0.00    | 0.00       | 2941.85 | ppb   |
| Uranium    | 238-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 88.00   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.00    | -0.03   | 0.00    | -0.01      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101368BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101368BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:08:01 | DataFile Name :   | 109SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.01    | 0.01       | 40.02   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101368BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101368BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:11:27 | DataFile Name :   | 110SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.59    | 2.35    | 2.30    | 2.41       | 6.48    | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.00    | 0.01       | 14.76   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.01    | 0.01    | 0.01       | 42.29   | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       | 3029.99 | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | 187.18  | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.59    | 0.49    | 0.48    | 0.52       | 12.35   | ppb   |
| Boron      | 11-1  | 0.45    | 0.58    | 0.38    | 0.47       | 21.97   | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.70   | -0.60   | -0.75   | -0.69      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.01    | 0.02    | 0.01       | 148.14  | ppb   |
| Calcium    | 43-1  | 8.58    | 8.71    | 10.91   | 9.40       | 13.91   | ppb   |
| Calcium    | 44-1  | 11.59   | 10.59   | 10.01   | 10.73      | 7.46    | ppb   |
| Chromium   | 52-2  | 0.03    | -0.01   | 0.01    | 0.01       | 307.79  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.03    | 0.05    | 0.04       | 26.84   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.78    | 0.89    | 0.80    | 0.82       | 7.16    | ppb   |
| Iron       | 57-2  | 0.66    | 0.24    | 0.40    | 0.44       | 48.42   | ppb   |
| Lead       | 206-1 | 522.98  | 525.60  | 523.69  | 524.09     | 0.26    | ppb   |
| Lead       | 207-1 | 504.86  | 500.55  | 518.18  | 507.86     | 1.81    | ppb   |
| Lead       | 208-1 | 515.58  | 516.57  | 518.09  | 516.75     | 0.24    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.85    | 0.19    | 0.50    | 0.51       | 63.85   | ppb   |
| Manganese  | 55-2  | 0.02    | 0.04    | 0.04    | 0.04       | 25.49   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101368BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101368BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:11:27 | DataFile Name :   | 110SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | 0.00    | 0.00       | 116.83  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.01    | 0.01    | 0.01       | 52.18   | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | 221.96  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.02    | 0.03    | 0.02       | 55.84   | ppb   |
| Phosphorus | 31-2  | -6.41   | -14.01  | -12.79  | -11.07     |         | ppb   |
| Potassium  | 39-2  | 8.31    | 5.01    | 8.19    | 7.17       | 26.09   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | -0.27   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.58    | -0.15   | 0.57    | 0.33       | 125.73  | ppb   |
| Selenium   | 82-1  | 0.15    | 0.26    | 0.13    | 0.18       | 38.85   | ppb   |
| Silicon    | 28-1  | -2.82   | -2.37   | -2.45   | -2.55      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 37.74   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 139.52  | ppb   |
| Sodium     | 23-2  | 24.22   | 21.51   | 22.52   | 22.75      | 6.02    | ppb   |
| Strontium  | 86-1  | 0.04    | 0.00    | -0.01   | 0.01       | 356.70  | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -223.99 | -212.05 | -190.69 | -208.91    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 6.84    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 2.81    | ppb   |
| Tin        | 118-1 | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 355.08  | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 93.78   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.52    | 0.45    | 0.49    | 0.49       | 7.40    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 194.50  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101368BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101368BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:11:27 | DataFile Name :   | 110SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.02    | -0.01   | 0.00       | 379.76  | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-01 Instrumnet Name : P7  
 Client Sample ID : DC24741-73-FL2-H-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:14:52 DataFile Name : 111SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.87    | 4.17    | 3.98    | 4.34       | 10.71   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.05    | 0.04       | 4.87    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.29    | 0.28    | 0.27       | 10.66   | ppb   |
| Barium     | 135-1 | 15.98   | 16.21   | 15.57   | 15.92      | 2.03    | ppb   |
| Barium     | 137-1 | 15.96   | 16.24   | 16.01   | 16.07      | 0.91    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | 664.96  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.38    | 3.66    | 3.34    | 3.46       | 5.04    | ppb   |
| Boron      | 11-1  | 4.13    | 3.96    | 4.27    | 4.12       | 3.79    | ppb   |
| Cadmium    | 111-1 | -0.04   | 0.01    | -0.01   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.73   | -0.09   | -0.37   | -0.40      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | 0.01    | 0.01       | 178.16  | ppb   |
| Calcium    | 43-1  | 4856.99 | 4837.43 | 5008.08 | 4900.83    | 1.91    | ppb   |
| Calcium    | 44-1  | 4961.15 | 4949.13 | 4986.94 | 4965.74    | 0.39    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.05   | -0.02   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.01    | 0.01       | 41.78   | ppb   |
| Copper     | 63-2  | 209.40  | 211.37  | 206.80  | 209.19     | 1.10    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.52   | 19.33   | 19.18   | 20.34      | 9.26    | ppb   |
| Iron       | 57-2  | 24.95   | 23.09   | 23.15   | 23.73      | 4.46    | ppb   |
| Lead       | 206-1 | 0.40    | 0.39    | 0.40    | 0.40       | 0.92    | ppb   |
| Lead       | 207-1 | 0.38    | 0.40    | 0.36    | 0.38       | 4.96    | ppb   |
| Lead       | 208-1 | 0.39    | 0.38    | 0.38    | 0.38       | 1.54    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1139.41 | 1139.86 | 1120.61 | 1133.29    | 0.97    | ppb   |
| Manganese  | 55-2  | 11.55   | 11.88   | 11.80   | 11.74      | 1.48    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-01 Instrumnet Name : P7  
 Client Sample ID : DC24741-73-FL2-H-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:14:52 DataFile Name : 111SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01     | 0.02    | 0.02       | 36.65   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02     | 0.01    | 0.02       | 23.85   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02     | 0.01    | 0.02       | 26.51   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02     | 0.01    | 0.02       | 29.79   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02     | 0.01    | 0.02       | 24.88   | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 3.35    | 3.38     | 3.26    | 3.33       | 1.81    | ppb   |
| Phosphorus | 31-2  | 650.12  | 726.56   | 690.34  | 689.01     | 5.55    | ppb   |
| Potassium  | 39-2  | 482.53  | 489.01   | 482.39  | 484.64     | 0.78    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | 0.23    | -0.02    | 0.47    | 0.23       | 107.51  | ppb   |
| Selenium   | 78-2  | -0.29   | 0.28     | 0.55    | 0.18       | 236.24  | ppb   |
| Selenium   | 82-1  | 0.46    | 0.20     | 0.21    | 0.29       | 49.96   | ppb   |
| Silicon    | 28-1  | 997.29  | 974.14   | 998.82  | 990.08     | 1.40    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00     | 0.01    | 0.01       | 26.99   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00     | 0.00    | 0.00       | 69.35   | ppb   |
| Sodium     | 23-2  | 9962.22 | 10067.20 | 9883.37 | 9970.93    | 0.92    | ppb   |
| Strontium  | 86-1  | 16.92   | 17.06    | 17.38   | 17.12      | 1.37    | ppb   |
| Strontium  | 88-1  | 17.31   | 17.44    | 17.53   | 17.43      | 0.62    | ppb   |
| Sulfur     | 34-1  | 656.97  | 661.25   | 726.90  | 681.71     | 5.75    | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01     | 0.01    | 0.01       | 13.21   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01     | 0.01    | 0.01       | 13.27   | ppb   |
| Tin        | 118-1 | -0.08   | -0.07    | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.38    | 0.42     | 0.33    | 0.38       | 11.11   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00     | 0.00    | 0.00       | 70.25   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.04     | 0.05    | 0.05       | 11.23   | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 54.12   | 54.88    | 53.78   | 54.26      | 1.03    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03     | 0.02    | 0.03       | 19.35   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-73-FL2-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:14:52   | DataFile Name :   | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.05    | 0.03       | 32.92   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV73               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV73               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:18:17 | DataFile Name :   | 112SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | 2.42    | 2.36    | 2.39    | 2.39       | 1.30     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.01    | 0.01       | 51.38    | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.01    | 0.00    | 0.00       | 1123.21  | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | -0.01   | 0.00       |          | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.01    | 0.00       | 879.52   | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.01   | 0.01    | 0.00       | 19080.47 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |          | %     |
| Bismuth    | 209-2 |         |         |         |            |          | %     |
| Boron      | 10-1  | 0.67    | 0.35    | 0.19    | 0.40       | 60.76    | ppb   |
| Boron      | 11-1  | 0.38    | 0.48    | 0.54    | 0.47       | 17.75    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.04   | -0.03   | -0.04      |          | ppb   |
| Cadmium    | 106-1 | -0.87   | -0.51   | -0.44   | -0.61      |          | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.04    | 0.04    | 0.03       | 58.51    | ppb   |
| Calcium    | 43-1  | 10.78   | 10.93   | 14.67   | 12.13      | 18.15    | ppb   |
| Calcium    | 44-1  | 17.05   | 17.47   | 16.78   | 17.10      | 2.02     | ppb   |
| Chromium   | 52-2  | -0.02   | -0.01   | 0.01    | -0.01      |          | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 1892.90  | ppb   |
| Copper     | 63-2  | 0.03    | 0.03    | 0.03    | 0.03       | 11.82    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         |            |          | %     |
| Holmium    | 165-2 |         |         |         |            |          | %     |
| Indium     | 115-1 |         |         |         |            |          | %     |
| Indium     | 115-2 |         |         |         |            |          | %     |
| Iron       | 56-2  | 0.65    | 0.66    | 0.62    | 0.64       | 3.22     | ppb   |
| Iron       | 57-2  | 1.10    | 0.15    | 0.74    | 0.66       | 72.98    | ppb   |
| Lead       | 206-1 | 516.02  | 523.98  | 510.23  | 516.74     | 1.34     | ppb   |
| Lead       | 207-1 | 516.05  | 521.76  | 506.19  | 514.67     | 1.53     | ppb   |
| Lead       | 208-1 | 514.84  | 522.83  | 509.77  | 515.81     | 1.28     | ppb   |
| Lithium    | 6-1   |         |         |         |            |          | %     |
| Magnesium  | 24-2  | 0.54    | 0.21    | 0.34    | 0.37       | 45.60    | ppb   |
| Manganese  | 55-2  | 0.04    | 0.04    | 0.05    | 0.04       | 12.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV73               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV73               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:18:17 | DataFile Name :   | 112SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | 0.01    | 0.00       | 902.51  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | 240.29  | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.01   | 0.02    | 0.00       | 272.43  | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.01    | 0.01    | 0.01       | 34.87   | ppb   |
| Phosphorus | 31-2  | -4.76   | -9.50   | -5.79   | -6.68      |         | ppb   |
| Potassium  | 39-2  | 6.35    | 3.57    | 3.11    | 4.34       | 40.46   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | -0.27   | -0.01   | -0.09      |         | ppb   |
| Selenium   | 78-2  | -0.09   | -0.26   | 0.10    | -0.08      |         | ppb   |
| Selenium   | 82-1  | -0.27   | 0.39    | 0.16    | 0.09       | 368.34  | ppb   |
| Silicon    | 28-1  | -3.40   | -3.25   | -3.31   | -3.32      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 154.62  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 18.66   | ppb   |
| Sodium     | 23-2  | 22.35   | 22.21   | 20.36   | 21.64      | 5.13    | ppb   |
| Strontium  | 86-1  | -0.04   | -0.01   | 0.00    | -0.02      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -220.62 | -235.87 | -221.37 | -225.95    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.02    | 0.02       | 13.62   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 7.91    | ppb   |
| Tin        | 118-1 | -0.02   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.03    | 0.02    | 0.01    | 0.02       | 48.95   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 46.65   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.56    | 0.41    | 0.46    | 0.48       | 15.99   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.01    | 0.00    | 0.00       | 98.00   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV73               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV73               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:18:17 | DataFile Name :   | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.00    | 0.00       | 531.01  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB73               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB73               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:21:41 | DataFile Name :   | 113SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.07   | 0.12    | -0.13   | -0.03      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 97.72   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | -0.01   | 0.00       | 310.73  | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.04   | 0.14    | 0.04    | 0.05       | 185.19  | ppb   |
| Boron      | 11-1  | 0.24    | 0.25    | 0.35    | 0.28       | 22.64   | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.01   | -0.08   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.31   | -0.11   | -1.09   | -0.50      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.07    | 0.01    | 0.04       | 75.15   | ppb   |
| Calcium    | 43-1  | -1.70   | -0.37   | -2.36   | -1.48      |         | ppb   |
| Calcium    | 44-1  | 3.50    | 2.57    | 2.04    | 2.70       | 27.34   | ppb   |
| Chromium   | 52-2  | 0.01    | -0.03   | -0.03   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.05    | 0.02    | 0.02    | 0.03       | 68.06   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.11    | 0.09    | 0.07    | 0.09       | 19.22   | ppb   |
| Iron       | 57-2  | -0.75   | 0.21    | 0.07    | -0.15      |         | ppb   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.04    | 0.04       | 6.18    | ppb   |
| Lead       | 207-1 | 0.05    | 0.04    | 0.04    | 0.04       | 10.04   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 2.13    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.17    | -0.01   | -0.05   | 0.04       | 303.70  | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.02    | 0.01       | 153.74  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB73               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB73               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:21:41 | DataFile Name :   | 113SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.00    | 0.01    | 0.00       | 568.22  | ppb   |
| Phosphorus | 31-2  | -3.74   | -18.84  | -15.49  | -12.69     |         | ppb   |
| Potassium  | 39-2  | 2.78    | 2.24    | 3.34    | 2.79       | 19.70   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | 0.26    | 0.00    | 0.00       |         | ppb   |
| Selenium   | 78-2  | 0.53    | 0.10    | 0.06    | 0.23       | 114.86  | ppb   |
| Selenium   | 82-1  | 0.54    | -0.04   | 0.18    | 0.23       | 128.62  | ppb   |
| Silicon    | 28-1  | -3.29   | -2.94   | -5.28   | -3.84      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 28.51   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 20.81   | 19.56   | 21.23   | 20.54      | 4.23    | ppb   |
| Strontium  | 86-1  | -0.01   | 0.01    | 0.02    | 0.01       | 230.02  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -208.48 | -189.66 | -440.15 | -279.43    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 32.90   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.01    | 0.00       | 39.88   | ppb   |
| Tin        | 118-1 | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Titanium   | 47-1  | -0.01   | 0.00    | -0.03   | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 130.40  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.04   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB73               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB73               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:21:41 | DataFile Name :   | 113SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.00    | 0.00       | 176.61  | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-02 Instrumnet Name : P7  
 Client Sample ID : DC24741-74-FL2-CL305 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:25:08 DataFile Name : 114SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.15   | 5.48    | 4.31    | 6.98       | 52.35   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.08    | 0.08    | 0.07       | 3.75    | ppb   |
| Arsenic    | 75-2  | 0.33    | 0.32    | 0.33    | 0.33       | 1.99    | ppb   |
| Barium     | 135-1 | 16.85   | 16.66   | 16.17   | 16.56      | 2.14    | ppb   |
| Barium     | 137-1 | 16.58   | 16.82   | 16.25   | 16.55      | 1.72    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 295.91  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.03    | 4.25    | 3.71    | 4.00       | 6.74    | ppb   |
| Boron      | 11-1  | 4.06    | 4.11    | 3.85    | 4.01       | 3.54    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.04   | -0.03   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -1.15   | -0.78   | -0.40   | -0.77      |         | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.02    | 0.09    | 0.07       | 58.46   | ppb   |
| Calcium    | 43-1  | 5025.37 | 4974.08 | 4781.62 | 4927.02    | 2.61    | ppb   |
| Calcium    | 44-1  | 5035.79 | 5021.14 | 4829.65 | 4962.20    | 2.32    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.02   | 0.01    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.02    | 0.03       | 6.54    | ppb   |
| Copper     | 63-2  | 175.34  | 176.47  | 177.60  | 176.47     | 0.64    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 17.59   | 17.45   | 17.73   | 17.59      | 0.80    | ppb   |
| Iron       | 57-2  | 21.44   | 22.14   | 22.32   | 21.97      | 2.12    | ppb   |
| Lead       | 206-1 | 3.24    | 3.23    | 3.13    | 3.20       | 1.89    | ppb   |
| Lead       | 207-1 | 2.88    | 2.91    | 2.80    | 2.86       | 1.94    | ppb   |
| Lead       | 208-1 | 3.07    | 3.05    | 2.95    | 3.03       | 2.14    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1138.73 | 1134.74 | 1142.56 | 1138.67    | 0.34    | ppb   |
| Manganese  | 55-2  | 11.58   | 11.68   | 11.73   | 11.66      | 0.64    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-74-FL2-CL305 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:25:08  | DataFile Name :   | 114SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 19.28   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.01    | 0.02    | 0.01       | 26.06   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.01    | 0.02    | 0.02       | 27.06   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.03    | 0.02    | 0.02       | 35.19   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.02    | 0.02       | 9.60    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.96    | 1.00    | 0.99    | 0.98       | 2.49    | ppb   |
| Phosphorus | 31-2  | 616.98  | 616.78  | 611.17  | 614.97     | 0.54    | ppb   |
| Potassium  | 39-2  | 472.19  | 477.12  | 474.02  | 474.44     | 0.53    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | 0.24    | -0.27   | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.50    | 0.16    | 0.68    | 0.44       | 59.36   | ppb   |
| Selenium   | 82-1  | 0.65    | 0.56    | 0.51    | 0.57       | 11.93   | ppb   |
| Silicon    | 28-1  | 979.80  | 991.96  | 928.21  | 966.66     | 3.50    | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.03    | 0.03       | 3.75    | ppb   |
| Silver     | 107-1 | 0.03    | 0.02    | 0.02    | 0.02       | 16.68   | ppb   |
| Sodium     | 23-2  | 9765.73 | 9800.90 | 9826.01 | 9797.55    | 0.31    | ppb   |
| Strontium  | 86-1  | 17.84   | 17.59   | 17.49   | 17.64      | 1.04    | ppb   |
| Strontium  | 88-1  | 17.86   | 17.65   | 17.35   | 17.62      | 1.46    | ppb   |
| Sulfur     | 34-1  | 726.77  | 753.52  | 396.38  | 625.56     | 31.80   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.60    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 19.21   | ppb   |
| Tin        | 118-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.32    | 0.31    | 0.27    | 0.30       | 8.48    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.00    | 0.00       | 17.88   | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.04    | 0.04    | 0.04       | 7.24    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 131.53  | 132.58  | 134.47  | 132.86     | 1.12    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 9.23    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-74-FL2-CL305 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:25:08  | DataFile Name :   | 114SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 16.76   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-03 Instrumnet Name : P7  
 Client Sample ID : DC24741-75-FL2-CL305 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:28:32 DataFile Name : 115SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.79    | 5.27    | 7.26    | 6.44       | 16.15   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.04    | 0.04       | 13.06   | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.25    | 0.24    | 0.25       | 5.87    | ppb   |
| Barium     | 135-1 | 15.78   | 15.91   | 15.69   | 15.79      | 0.70    | ppb   |
| Barium     | 137-1 | 15.94   | 15.91   | 15.92   | 15.92      | 0.11    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 26.49   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.84    | 3.87    | 4.54    | 4.09       | 9.74    | ppb   |
| Boron      | 11-1  | 3.97    | 4.42    | 4.24    | 4.21       | 5.37    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.59   | -0.91   | -0.62   | -0.71      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.02    | 0.01    | 0.02       | 44.82   | ppb   |
| Calcium    | 43-1  | 4823.95 | 4840.38 | 4879.00 | 4847.78    | 0.58    | ppb   |
| Calcium    | 44-1  | 4899.21 | 4867.65 | 4957.84 | 4908.23    | 0.93    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.08    | 0.09    | 0.08       | 28.20   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 27.02   | ppb   |
| Copper     | 63-2  | 37.57   | 38.22   | 38.43   | 38.07      | 1.18    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.86   | 24.18   | 23.89   | 23.98      | 0.74    | ppb   |
| Iron       | 57-2  | 28.14   | 30.63   | 30.36   | 29.71      | 4.60    | ppb   |
| Lead       | 206-1 | 0.27    | 0.26    | 0.27    | 0.27       | 1.52    | ppb   |
| Lead       | 207-1 | 0.22    | 0.23    | 0.22    | 0.22       | 2.29    | ppb   |
| Lead       | 208-1 | 0.24    | 0.24    | 0.24    | 0.24       | 1.16    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1091.31 | 1119.58 | 1120.92 | 1110.61    | 1.51    | ppb   |
| Manganese  | 55-2  | 14.04   | 14.22   | 14.25   | 14.17      | 0.83    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-75-FL2-CL305 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:28:32  | DataFile Name :   | 115SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.01     | 0.01       | 36.11   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.03    | 0.01     | 0.02       | 61.99   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.01     | 0.02       | 30.45   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.03    | 0.01     | 0.03       | 46.51   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.03    | 0.02     | 0.02       | 29.92   | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 0.29    | 0.31    | 0.29     | 0.30       | 3.66    | ppb   |
| Phosphorus | 31-2  | 631.21  | 664.89  | 707.67   | 667.92     | 5.74    | ppb   |
| Potassium  | 39-2  | 476.34  | 474.31  | 486.06   | 478.90     | 1.31    | ppb   |
| Rhodium    | 103-1 |         |         |          |            |         | %     |
| Rhodium    | 103-2 |         |         |          |            |         | %     |
| Scandium   | 45-1  |         |         |          |            |         | %     |
| Scandium   | 45-2  |         |         |          |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.01   | 0.24     | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.20    | 0.59    | 0.35     | 0.38       | 52.48   | ppb   |
| Selenium   | 82-1  | 0.41    | 0.52    | -0.04    | 0.30       | 98.96   | ppb   |
| Silicon    | 28-1  | 979.00  | 956.04  | 994.98   | 976.68     | 2.00    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01     | 0.01       | 11.91   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00     | 0.00       | 33.81   | ppb   |
| Sodium     | 23-2  | 9840.69 | 9882.57 | 10065.65 | 9929.63    | 1.20    | ppb   |
| Strontium  | 86-1  | 17.03   | 17.08   | 17.04    | 17.05      | 0.14    | ppb   |
| Strontium  | 88-1  | 17.29   | 17.25   | 17.22    | 17.26      | 0.20    | ppb   |
| Sulfur     | 34-1  | 538.98  | 538.71  | 596.46   | 558.05     | 5.96    | ppb   |
| Terbium    | 159-1 |         |         |          |            |         | %     |
| Terbium    | 159-2 |         |         |          |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.02     | 0.01       | 37.45   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01     | 0.01       | 27.20   | ppb   |
| Tin        | 118-1 | -0.08   | -0.07   | -0.08    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.32    | 0.34    | 0.29     | 0.32       | 8.29    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.00     | 0.01       | 22.43   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.05     | 0.05       | 12.59   | ppb   |
| Yttrium    | 89-1  |         |         |          |            |         | %     |
| Yttrium    | 89-2  |         |         |          |            |         | %     |
| Zinc       | 66-2  | 13.80   | 13.72   | 13.85    | 13.79      | 0.46    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02     | 0.02       | 10.29   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-75-FL2-CL305 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:28:32  | DataFile Name :   | 115SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 4.63    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-04 Instrumnet Name : P7  
 Client Sample ID : DC24741-76-FL2-BR305 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:31:57 DataFile Name : 116SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.98    | 6.90    | 6.83    | 6.57       | 7.77    | ppb   |
| Antimony   | 121-1 | 0.10    | 0.10    | 0.10    | 0.10       | 3.58    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.27    | 0.22    | 0.25       | 11.53   | ppb   |
| Barium     | 135-1 | 16.34   | 16.84   | 16.84   | 16.67      | 1.74    | ppb   |
| Barium     | 137-1 | 16.70   | 17.05   | 16.66   | 16.80      | 1.29    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.32    | 4.35    | 3.64    | 3.77       | 13.93   | ppb   |
| Boron      | 11-1  | 4.16    | 3.98    | 4.23    | 4.13       | 3.15    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.01   | -0.03   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.70   | -0.22   | -0.59   | -0.50      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.08    | 0.04    | 0.04       | 87.15   | ppb   |
| Calcium    | 43-1  | 4789.96 | 4873.88 | 4892.92 | 4852.25    | 1.13    | ppb   |
| Calcium    | 44-1  | 4904.49 | 4921.60 | 4954.26 | 4926.78    | 0.51    | ppb   |
| Chromium   | 52-2  | -0.02   | 0.01    | -0.01   | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 10.62   | ppb   |
| Copper     | 63-2  | 100.76  | 99.93   | 101.56  | 100.75     | 0.81    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 20.39   | 21.16   | 22.54   | 21.36      | 5.10    | ppb   |
| Iron       | 57-2  | 29.37   | 27.17   | 22.81   | 26.45      | 12.62   | ppb   |
| Lead       | 206-1 | 1.21    | 1.24    | 1.18    | 1.21       | 2.20    | ppb   |
| Lead       | 207-1 | 1.11    | 1.13    | 1.12    | 1.12       | 0.93    | ppb   |
| Lead       | 208-1 | 1.17    | 1.18    | 1.16    | 1.17       | 1.25    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1118.84 | 1116.35 | 1129.92 | 1121.70    | 0.64    | ppb   |
| Manganese  | 55-2  | 13.60   | 13.12   | 13.37   | 13.36      | 1.78    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-76-FL2-BR305 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:31:57  | DataFile Name :   | 116SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.01     | 0.02       | 25.32   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.01    | 0.01     | 0.01       | 33.48   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.02    | 0.01     | 0.01       | 25.80   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.02    | 0.03     | 0.02       | 18.00   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.02     | 0.02       | 13.12   | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 2.66    | 2.62    | 2.53     | 2.60       | 2.48    | ppb   |
| Phosphorus | 31-2  | 634.78  | 649.03  | 665.57   | 649.79     | 2.37    | ppb   |
| Potassium  | 39-2  | 476.95  | 479.70  | 487.49   | 481.38     | 1.14    | ppb   |
| Rhodium    | 103-1 |         |         |          |            |         | %     |
| Rhodium    | 103-2 |         |         |          |            |         | %     |
| Scandium   | 45-1  |         |         |          |            |         | %     |
| Scandium   | 45-2  |         |         |          |            |         | %     |
| Selenium   | 77-2  | -0.02   | -0.27   | -0.27    | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.38    | 0.62    | 0.35     | 0.45       | 32.85   | ppb   |
| Selenium   | 82-1  | 0.28    | -0.25   | 0.30     | 0.11       | 275.05  | ppb   |
| Silicon    | 28-1  | 953.85  | 957.83  | 1021.57  | 977.75     | 3.89    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01     | 0.01       | 7.46    | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00     | 0.01       | 35.26   | ppb   |
| Sodium     | 23-2  | 9952.14 | 9904.40 | 10042.47 | 9966.34    | 0.70    | ppb   |
| Strontium  | 86-1  | 17.34   | 17.22   | 17.46    | 17.34      | 0.71    | ppb   |
| Strontium  | 88-1  | 17.48   | 17.55   | 17.41    | 17.48      | 0.41    | ppb   |
| Sulfur     | 34-1  | 455.34  | 554.65  | 594.63   | 534.88     | 13.41   | ppb   |
| Terbium    | 159-1 |         |         |          |            |         | %     |
| Terbium    | 159-2 |         |         |          |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01     | 0.01       | 44.54   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01     | 0.01       | 11.45   | ppb   |
| Tin        | 118-1 | -0.07   | -0.08   | -0.08    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.28    | 0.33    | 0.29     | 0.30       | 8.07    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00     | 0.00       | 10.77   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.07    | 0.07     | 0.07       | 17.68   | ppb   |
| Yttrium    | 89-1  |         |         |          |            |         | %     |
| Yttrium    | 89-2  |         |         |          |            |         | %     |
| Zinc       | 66-2  | 111.23  | 108.86  | 110.96   | 110.35     | 1.18    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.03     | 0.03       | 11.86   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-76-FL2-BR305 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:31:57  | DataFile Name :   | 116SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.02    | 0.02       | 23.51   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-05 Instrumnet Name : P7  
 Client Sample ID : DC24741-77-FL2-BR305 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:35:21 DataFile Name : 117SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.46    | 7.00    | 5.43    | 5.63       | 22.80   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.05    | 0.04       | 10.27   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.26    | 0.25    | 0.24       | 6.72    | ppb   |
| Barium     | 135-1 | 16.17   | 16.17   | 15.86   | 16.07      | 1.10    | ppb   |
| Barium     | 137-1 | 16.38   | 16.08   | 15.87   | 16.11      | 1.62    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 78.12   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.08    | 3.56    | 4.69    | 4.11       | 13.79   | ppb   |
| Boron      | 11-1  | 4.30    | 4.30    | 4.25    | 4.28       | 0.66    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.42   | -0.47   | -0.43   | -0.44      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.01    | 0.01    | 0.01       | 64.59   | ppb   |
| Calcium    | 43-1  | 4843.37 | 4819.65 | 4864.38 | 4842.47    | 0.46    | ppb   |
| Calcium    | 44-1  | 4914.26 | 4861.23 | 4851.57 | 4875.69    | 0.69    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.06   | -0.04   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 18.17   | ppb   |
| Copper     | 63-2  | 59.51   | 59.36   | 59.61   | 59.49      | 0.21    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.44   | 21.62   | 21.50   | 21.86      | 2.33    | ppb   |
| Iron       | 57-2  | 24.83   | 25.13   | 24.22   | 24.73      | 1.86    | ppb   |
| Lead       | 206-1 | 0.19    | 0.20    | 0.19    | 0.20       | 2.97    | ppb   |
| Lead       | 207-1 | 0.19    | 0.18    | 0.18    | 0.18       | 1.53    | ppb   |
| Lead       | 208-1 | 0.19    | 0.19    | 0.19    | 0.19       | 0.85    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1137.20 | 1121.90 | 1123.84 | 1127.65    | 0.74    | ppb   |
| Manganese  | 55-2  | 14.15   | 14.00   | 13.94   | 14.03      | 0.76    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-77-FL2-BR305 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:35:21  | DataFile Name :   | 117SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.02     | 0.02     | 0.02       | 26.90   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.01     | 0.01     | 0.01       | 26.16   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.01     | 0.01       | 47.33   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.01     | 0.02     | 0.01       | 42.43   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.03     | 0.02       | 25.89   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.28     | 0.27     | 0.27     | 0.27       | 2.08    | ppb   |
| Phosphorus | 31-2  | 671.77   | 673.26   | 652.05   | 665.69     | 1.78    | ppb   |
| Potassium  | 39-2  | 491.42   | 481.54   | 488.98   | 487.31     | 1.06    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.23     | -0.02    | -0.27    | -0.02      |         | ppb   |
| Selenium   | 78-2  | -0.31    | 0.23     | 0.28     | 0.07       | 502.92  | ppb   |
| Selenium   | 82-1  | 0.38     | 0.30     | 0.14     | 0.27       | 45.45   | ppb   |
| Silicon    | 28-1  | 978.88   | 967.78   | 969.46   | 972.04     | 0.62    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.01     | 0.01       | 16.69   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.01     | 0.01       | 25.13   | ppb   |
| Sodium     | 23-2  | 10177.06 | 10075.15 | 10011.12 | 10087.77   | 0.83    | ppb   |
| Strontium  | 86-1  | 17.28    | 17.02    | 17.05    | 17.12      | 0.81    | ppb   |
| Strontium  | 88-1  | 17.47    | 17.28    | 17.42    | 17.39      | 0.55    | ppb   |
| Sulfur     | 34-1  | 628.01   | 587.38   | 569.09   | 594.83     | 5.07    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.01     | 0.01       | 23.46   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 16.57   | ppb   |
| Tin        | 118-1 | -0.08    | -0.07    | -0.07    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.31     | 0.31     | 0.35     | 0.32       | 7.77    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 15.11   | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.04     | 0.04     | 0.04       | 6.82    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 12.60    | 11.71    | 12.28    | 12.19      | 3.69    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 8.79    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-77-FL2-BR305 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:35:21  | DataFile Name :   | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.02    | 0.02    | 0.03       | 42.43   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-06 Instrumnet Name : P7  
 Client Sample ID : DC24741-78-FL2-CL310 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:38:45 DataFile Name : 118SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.22    | 3.37    | 3.85    | 3.81       | 11.14   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.07    | 0.07       | 4.60    | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.25    | 0.28    | 0.24       | 14.43   | ppb   |
| Barium     | 135-1 | 16.53   | 16.39   | 16.84   | 16.59      | 1.40    | ppb   |
| Barium     | 137-1 | 16.42   | 16.23   | 16.60   | 16.42      | 1.14    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 2776.61 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.88    | 4.42    | 4.34    | 4.21       | 6.88    | ppb   |
| Boron      | 11-1  | 4.27    | 3.88    | 4.46    | 4.20       | 7.08    | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.04    | 0.02    | 0.02       | 101.99  | ppb   |
| Cadmium    | 106-1 | 0.06    | 0.43    | 0.33    | 0.27       | 69.75   | ppb   |
| Cadmium    | 108-1 | 0.31    | 0.34    | 0.37    | 0.34       | 8.58    | ppb   |
| Calcium    | 43-1  | 5064.40 | 4981.58 | 5108.57 | 5051.52    | 1.28    | ppb   |
| Calcium    | 44-1  | 5104.28 | 5061.31 | 5056.92 | 5074.17    | 0.52    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.03   | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.09    | 0.09    | 0.09       | 3.67    | ppb   |
| Copper     | 63-2  | 126.12  | 120.81  | 123.91  | 123.61     | 2.15    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 48.14   | 47.98   | 49.98   | 48.70      | 2.28    | ppb   |
| Iron       | 57-2  | 51.40   | 52.07   | 55.90   | 53.12      | 4.57    | ppb   |
| Lead       | 206-1 | 1.16    | 1.14    | 1.13    | 1.15       | 1.46    | ppb   |
| Lead       | 207-1 | 1.07    | 1.06    | 1.06    | 1.06       | 0.40    | ppb   |
| Lead       | 208-1 | 1.12    | 1.12    | 1.10    | 1.11       | 0.98    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1213.14 | 1154.37 | 1160.65 | 1176.05    | 2.74    | ppb   |
| Manganese  | 55-2  | 16.97   | 16.17   | 16.13   | 16.43      | 2.86    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-78-FL2-CL310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:38:45  | DataFile Name :   | 118SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01    | 0.02     | 0.01       | 19.34   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.01    | 0.01     | 0.01       | 35.40   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.01    | 0.01     | 0.01       | 20.12   | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.03    | 0.03     | 0.02       | 72.64   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02    | 0.02     | 0.02       | 33.80   | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 435.61   | 418.27  | 424.53   | 426.14     | 2.06    | ppb   |
| Phosphorus | 31-2  | 462.13   | 440.71  | 401.24   | 434.69     | 7.11    | ppb   |
| Potassium  | 39-2  | 559.61   | 530.56  | 536.38   | 542.18     | 2.84    | ppb   |
| Rhodium    | 103-1 |          |         |          |            |         | %     |
| Rhodium    | 103-2 |          |         |          |            |         | %     |
| Scandium   | 45-1  |          |         |          |            |         | %     |
| Scandium   | 45-2  |          |         |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.02   | -0.01    | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.01     | -0.05   | 0.44     | 0.13       | 202.24  | ppb   |
| Selenium   | 82-1  | -0.16    | 0.39    | 0.20     | 0.14       | 196.10  | ppb   |
| Silicon    | 28-1  | 1015.29  | 1008.75 | 1021.66  | 1015.23    | 0.64    | ppb   |
| Silver     | 109-1 | 0.02     | 0.01    | 0.01     | 0.01       | 20.07   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.01     | 0.01       | 9.17    | ppb   |
| Sodium     | 23-2  | 10408.74 | 9892.92 | 10134.31 | 10145.32   | 2.54    | ppb   |
| Strontium  | 86-1  | 17.49    | 17.59   | 17.85    | 17.64      | 1.06    | ppb   |
| Strontium  | 88-1  | 17.98    | 17.88   | 18.02    | 17.96      | 0.41    | ppb   |
| Sulfur     | 34-1  | 667.33   | 615.79  | 779.71   | 687.61     | 12.19   | ppb   |
| Terbium    | 159-1 |          |         |          |            |         | %     |
| Terbium    | 159-2 |          |         |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02    | 0.01     | 0.01       | 24.94   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.01     | 0.01       | 15.46   | ppb   |
| Tin        | 118-1 | -0.06    | -0.06   | -0.07    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.22     | 0.24    | 0.28     | 0.25       | 13.07   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.00     | 0.00       | 12.09   | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.05    | 0.04     | 0.05       | 11.01   | ppb   |
| Yttrium    | 89-1  |          |         |          |            |         | %     |
| Yttrium    | 89-2  |          |         |          |            |         | %     |
| Zinc       | 66-2  | 1374.97  | 1307.59 | 1328.21  | 1336.92    | 2.58    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02    | 0.02     | 0.02       | 20.61   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-78-FL2-CL310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:38:45  | DataFile Name :   | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.01    | 0.02       | 63.03   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-07 Instrumnet Name : P7  
 Client Sample ID : DC24741-79-FL2-CL310 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:42:10 DataFile Name : 119SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.24    | 4.07    | 4.34    | 4.55       | 13.42   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.04    | 0.04       | 11.19   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.24    | 0.26    | 0.26       | 9.54    | ppb   |
| Barium     | 135-1 | 15.85   | 16.03   | 15.54   | 15.80      | 1.56    | ppb   |
| Barium     | 137-1 | 15.68   | 15.96   | 15.40   | 15.68      | 1.79    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.01       | 104.78  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.14    | 4.80    | 4.04    | 4.32       | 9.50    | ppb   |
| Boron      | 11-1  | 4.00    | 4.13    | 4.46    | 4.20       | 5.68    | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Cadmium    | 106-1 | -0.39   | 0.14    | -0.01   | -0.08      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.04    | 0.02    | 0.02       | 63.73   | ppb   |
| Calcium    | 43-1  | 4880.15 | 4920.50 | 4810.18 | 4870.28    | 1.15    | ppb   |
| Calcium    | 44-1  | 4922.47 | 4946.91 | 4856.76 | 4908.72    | 0.95    | ppb   |
| Chromium   | 52-2  | 0.01    | -0.01   | -0.04   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.01    | 0.01       | 49.58   | ppb   |
| Copper     | 63-2  | 33.80   | 33.69   | 33.84   | 33.78      | 0.23    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.04   | 22.09   | 21.98   | 22.04      | 0.25    | ppb   |
| Iron       | 57-2  | 27.30   | 27.56   | 25.44   | 26.77      | 4.33    | ppb   |
| Lead       | 206-1 | 0.17    | 0.14    | 0.18    | 0.16       | 11.51   | ppb   |
| Lead       | 207-1 | 0.14    | 0.15    | 0.16    | 0.15       | 6.93    | ppb   |
| Lead       | 208-1 | 0.15    | 0.15    | 0.16    | 0.16       | 4.84    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1122.43 | 1138.29 | 1120.25 | 1126.99    | 0.87    | ppb   |
| Manganese  | 55-2  | 13.88   | 13.76   | 13.78   | 13.80      | 0.47    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-79-FL2-CL310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:42:10  | DataFile Name :   | 119SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.02    | 0.02       | 7.53    | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.03     | 0.01    | 0.02       | 38.83   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.01    | 0.02       | 29.89   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.02     | 0.02    | 0.02       | 32.24   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02    | 0.02       | 11.25   | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 5.74     | 5.65     | 5.47    | 5.62       | 2.50    | ppb   |
| Phosphorus | 31-2  | 681.37   | 617.35   | 698.54  | 665.75     | 6.43    | ppb   |
| Potassium  | 39-2  | 481.95   | 488.17   | 483.96  | 484.69     | 0.65    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | -0.01    | -0.01    | 0.24    | 0.07       | 203.27  | ppb   |
| Selenium   | 78-2  | 0.01     | -0.29    | 0.13    | -0.05      |         | ppb   |
| Selenium   | 82-1  | 0.34     | 0.19     | 0.38    | 0.30       | 33.36   | ppb   |
| Silicon    | 28-1  | 993.34   | 1005.93  | 965.33  | 988.20     | 2.10    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00    | 0.00       | 49.84   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.00    | 0.00       | 70.60   | ppb   |
| Sodium     | 23-2  | 10005.77 | 10131.23 | 9973.44 | 10036.81   | 0.83    | ppb   |
| Strontium  | 86-1  | 17.22    | 16.87    | 17.06   | 17.05      | 1.03    | ppb   |
| Strontium  | 88-1  | 17.36    | 17.12    | 16.99   | 17.16      | 1.11    | ppb   |
| Sulfur     | 34-1  | 767.95   | 816.00   | 704.15  | 762.70     | 7.36    | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01    | 0.01       | 19.70   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01    | 0.01       | 7.83    | ppb   |
| Tin        | 118-1 | -0.05    | -0.06    | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.27     | 0.37     | 0.29    | 0.31       | 18.18   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01    | 0.01       | 11.77   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.04     | 0.05    | 0.05       | 12.30   | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 19.02    | 19.22    | 19.07   | 19.11      | 0.56    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02    | 0.02       | 3.76    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-79-FL2-CL310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:42:10  | DataFile Name :   | 119SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 11.73   | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-08 Instrumnet Name : P7  
 Client Sample ID : DC24741-80-FL2-BR310 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:45:34 DataFile Name : 120SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.37    | 8.09    | 6.92    | 7.79       | 9.83    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.08    | 0.08    | 0.08       | 3.50    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.25    | 0.27    | 0.27       | 10.02   | ppb   |
| Barium     | 135-1 | 16.36   | 16.33   | 16.15   | 16.28      | 0.68    | ppb   |
| Barium     | 137-1 | 16.27   | 16.52   | 16.21   | 16.33      | 0.99    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.11    | 4.07    | 3.79    | 3.99       | 4.34    | ppb   |
| Boron      | 11-1  | 4.08    | 4.18    | 4.18    | 4.15       | 1.35    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.04    | 0.03    | 0.03       | 18.12   | ppb   |
| Cadmium    | 106-1 | -0.41   | 0.01    | -0.27   | -0.22      |         | ppb   |
| Cadmium    | 108-1 | 0.24    | 0.29    | 0.32    | 0.28       | 13.59   | ppb   |
| Calcium    | 43-1  | 5023.99 | 4917.70 | 4928.10 | 4956.60    | 1.18    | ppb   |
| Calcium    | 44-1  | 5058.82 | 4992.25 | 4998.22 | 5016.43    | 0.73    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.05    | 0.04    | 0.05       | 14.17   | ppb   |
| Copper     | 63-2  | 90.73   | 91.06   | 90.86   | 90.89      | 0.18    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 34.26   | 35.10   | 33.71   | 34.36      | 2.04    | ppb   |
| Iron       | 57-2  | 39.45   | 43.24   | 42.97   | 41.89      | 5.05    | ppb   |
| Lead       | 206-1 | 2.80    | 2.77    | 2.82    | 2.80       | 0.88    | ppb   |
| Lead       | 207-1 | 2.63    | 2.58    | 2.63    | 2.61       | 1.00    | ppb   |
| Lead       | 208-1 | 2.71    | 2.69    | 2.68    | 2.69       | 0.60    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1155.37 | 1144.53 | 1149.10 | 1149.67    | 0.47    | ppb   |
| Manganese  | 55-2  | 21.65   | 22.01   | 21.95   | 21.87      | 0.88    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-80-FL2-BR310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:45:34  | DataFile Name :   | 120SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03     | 0.02     | 0.02       | 23.59   | ppb   |
| Molybdenum | 95-1  | 0.00     | 0.01     | 0.02     | 0.01       | 72.87   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.02     | 0.02       | 34.50   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02     | 0.03     | 0.02       | 38.02   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 9.61    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 28.14    | 28.01    | 27.99    | 28.05      | 0.28    | ppb   |
| Phosphorus | 31-2  | 646.55   | 653.28   | 638.94   | 646.26     | 1.11    | ppb   |
| Potassium  | 39-2  | 496.29   | 492.63   | 498.44   | 495.79     | 0.59    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | 0.24     | -0.27    | -0.10      |         | ppb   |
| Selenium   | 78-2  | 1.02     | 0.64     | 0.00     | 0.55       | 92.97   | ppb   |
| Selenium   | 82-1  | 0.44     | 0.29     | -0.01    | 0.24       | 93.77   | ppb   |
| Silicon    | 28-1  | 1010.41  | 995.84   | 984.34   | 996.86     | 1.31    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.02     | 0.02       | 13.45   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.02     | 0.02       | 7.51    | ppb   |
| Sodium     | 23-2  | 10284.59 | 10294.47 | 10199.25 | 10259.44   | 0.51    | ppb   |
| Strontium  | 86-1  | 17.35    | 17.51    | 16.95    | 17.27      | 1.68    | ppb   |
| Strontium  | 88-1  | 17.60    | 17.64    | 17.60    | 17.61      | 0.14    | ppb   |
| Sulfur     | 34-1  | 790.04   | 702.71   | 856.71   | 783.15     | 9.86    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 8.32    | ppb   |
| Thallium   | 205-1 | 0.02     | 0.01     | 0.02     | 0.02       | 7.84    | ppb   |
| Tin        | 118-1 | -0.02    | -0.03    | 0.00     | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.33     | 0.39     | 0.45     | 0.39       | 15.57   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 24.34   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.04     | 0.06     | 0.05       | 16.92   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 758.42   | 761.77   | 754.00   | 758.06     | 0.51    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03     | 0.03     | 0.03       | 6.73    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-80-FL2-BR310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:45:34  | DataFile Name :   | 120SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.03    | 0.02       | 39.35   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-09 Instrumnet Name : P7  
 Client Sample ID : DC24741-81-FL2-BR310 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:49:00 DataFile Name : 121SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.16    | 5.51    | 5.52    | 5.40       | 3.83    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.05    | 0.04       | 15.59   | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.26    | 0.25    | 0.28       | 12.73   | ppb   |
| Barium     | 135-1 | 15.76   | 15.79   | 15.58   | 15.71      | 0.72    | ppb   |
| Barium     | 137-1 | 15.73   | 15.86   | 15.66   | 15.75      | 0.65    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.00       | 135.84  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.40    | 3.93    | 4.67    | 4.33       | 8.72    | ppb   |
| Boron      | 11-1  | 4.10    | 4.15    | 4.17    | 4.14       | 0.85    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.65   | -0.54   | -0.77   | -0.65      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.01    | 0.01    | 0.01       | 2.89    | ppb   |
| Calcium    | 43-1  | 4831.71 | 4860.33 | 4872.12 | 4854.72    | 0.43    | ppb   |
| Calcium    | 44-1  | 4894.79 | 4899.53 | 4931.13 | 4908.48    | 0.40    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | -0.04   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 16.16   | ppb   |
| Copper     | 63-2  | 29.80   | 28.71   | 28.63   | 29.05      | 2.25    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.25   | 22.14   | 21.79   | 22.06      | 1.09    | ppb   |
| Iron       | 57-2  | 26.96   | 29.26   | 27.24   | 27.82      | 4.51    | ppb   |
| Lead       | 206-1 | 0.18    | 0.20    | 0.17    | 0.18       | 6.79    | ppb   |
| Lead       | 207-1 | 0.16    | 0.16    | 0.17    | 0.17       | 2.86    | ppb   |
| Lead       | 208-1 | 0.17    | 0.18    | 0.18    | 0.18       | 3.17    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1146.55 | 1121.59 | 1122.41 | 1130.18    | 1.25    | ppb   |
| Manganese  | 55-2  | 14.02   | 14.11   | 13.75   | 13.96      | 1.33    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-81-FL2-BR310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:49:00  | DataFile Name :   | 121SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02    | 0.02    | 0.02       | 20.62   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02    | 0.02    | 0.02       | 5.05    | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.01    | 0.02    | 0.01       | 17.19   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.02    | 0.02    | 0.02       | 43.42   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03    | 0.03    | 0.02       | 14.69   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.59     | 0.60    | 0.61    | 0.60       | 1.09    | ppb   |
| Phosphorus | 31-2  | 682.44   | 667.85  | 723.08  | 691.12     | 4.14    | ppb   |
| Potassium  | 39-2  | 497.87   | 482.17  | 480.68  | 486.91     | 1.96    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.02   | -0.02   | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.40     | 0.51    | -0.22   | 0.23       | 172.17  | ppb   |
| Selenium   | 82-1  | 0.51     | 0.11    | 0.67    | 0.43       | 66.80   | ppb   |
| Silicon    | 28-1  | 995.39   | 985.72  | 977.14  | 986.09     | 0.93    | ppb   |
| Silver     | 109-1 | 0.00     | 0.01    | 0.00    | 0.00       | 63.94   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01    | 0.00    | 0.00       | 48.77   | ppb   |
| Sodium     | 23-2  | 10190.01 | 9977.11 | 9906.19 | 10024.44   | 1.47    | ppb   |
| Strontium  | 86-1  | 16.87    | 16.82   | 17.39   | 17.03      | 1.84    | ppb   |
| Strontium  | 88-1  | 17.18    | 17.29   | 17.45   | 17.31      | 0.76    | ppb   |
| Sulfur     | 34-1  | 643.40   | 637.57  | 616.58  | 632.51     | 2.23    | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01    | 0.01    | 0.01       | 22.66   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.01    | 0.01       | 12.65   | ppb   |
| Tin        | 118-1 | -0.07    | -0.06   | -0.07   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.40     | 0.30    | 0.31    | 0.33       | 16.34   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01    | 0.01    | 0.01       | 14.82   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.07    | 0.05    | 0.06       | 18.28   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 24.49    | 24.12   | 24.04   | 24.22      | 1.00    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02    | 0.01    | 0.02       | 23.83   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-81-FL2-BR310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:49:00  | DataFile Name :   | 121SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 10.96   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-10 Instrumnet Name : P7  
 Client Sample ID : DC24741-82-FL2-BRW-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:52:24 DataFile Name : 122SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.20    | 6.66    | 6.77    | 6.88       | 4.18    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.07    | 0.07       | 2.36    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.34    | 0.26    | 0.29       | 15.86   | ppb   |
| Barium     | 135-1 | 16.54   | 16.11   | 16.02   | 16.22      | 1.73    | ppb   |
| Barium     | 137-1 | 16.49   | 16.38   | 16.56   | 16.47      | 0.56    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.43    | 4.10    | 4.82    | 4.45       | 8.01    | ppb   |
| Boron      | 11-1  | 4.22    | 4.39    | 4.39    | 4.33       | 2.23    | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.00    | -0.09   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.15   | -0.31   | -1.43   | -0.63      |         | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.04    | 0.11    | 0.08       | 47.68   | ppb   |
| Calcium    | 43-1  | 4862.95 | 4913.40 | 4892.76 | 4889.70    | 0.52    | ppb   |
| Calcium    | 44-1  | 4903.56 | 4944.28 | 4957.05 | 4934.97    | 0.57    | ppb   |
| Chromium   | 52-2  | 0.22    | 0.21    | 0.22    | 0.22       | 2.69    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.01    | 0.02       | 22.15   | ppb   |
| Copper     | 63-2  | 124.72  | 126.37  | 126.73  | 125.94     | 0.85    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 24.76   | 24.71   | 25.44   | 24.97      | 1.64    | ppb   |
| Iron       | 57-2  | 28.70   | 30.82   | 31.26   | 30.26      | 4.53    | ppb   |
| Lead       | 206-1 | 2.13    | 2.13    | 2.11    | 2.12       | 0.60    | ppb   |
| Lead       | 207-1 | 1.99    | 1.96    | 1.89    | 1.95       | 2.52    | ppb   |
| Lead       | 208-1 | 2.06    | 2.05    | 2.02    | 2.04       | 1.14    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1116.17 | 1124.62 | 1124.23 | 1121.67    | 0.42    | ppb   |
| Manganese  | 55-2  | 16.38   | 16.56   | 16.38   | 16.44      | 0.62    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-10 Instrumnet Name : P7  
 Client Sample ID : DC24741-82-FL2-BRW-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:52:24 DataFile Name : 122SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.01     | 0.01       | 18.90   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.01     | 0.01     | 0.02       | 41.33   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.01     | 0.03     | 0.02       | 65.34   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.02     | 0.03     | 0.03       | 17.65   | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.02     | 0.01     | 0.01       | 25.54   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.77     | 2.74     | 2.91     | 2.80       | 3.25    | ppb   |
| Phosphorus | 31-2  | 658.73   | 685.18   | 615.69   | 653.20     | 5.37    | ppb   |
| Potassium  | 39-2  | 492.99   | 484.54   | 497.41   | 491.65     | 1.33    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | -0.02    | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.26    | -0.05    | -0.31    | -0.21      |         | ppb   |
| Selenium   | 82-1  | 0.20     | 0.47     | 0.32     | 0.33       | 41.04   | ppb   |
| Silicon    | 28-1  | 976.75   | 991.55   | 989.33   | 985.88     | 0.81    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 8.35    | ppb   |
| Silver     | 107-1 | 0.02     | 0.01     | 0.02     | 0.02       | 12.49   | ppb   |
| Sodium     | 23-2  | 10140.64 | 10416.41 | 10383.23 | 10313.43   | 1.46    | ppb   |
| Strontium  | 86-1  | 16.90    | 17.19    | 17.32    | 17.14      | 1.24    | ppb   |
| Strontium  | 88-1  | 17.52    | 17.48    | 17.46    | 17.49      | 0.16    | ppb   |
| Sulfur     | 34-1  | 462.08   | 549.42   | 620.71   | 544.07     | 14.60   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.02     | 0.01       | 39.86   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 22.32   | ppb   |
| Tin        | 118-1 | -0.06    | -0.08    | -0.08    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.27     | 0.39     | 0.39     | 0.35       | 19.07   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00     | 0.01     | 0.01       | 24.78   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05     | 0.04     | 0.05       | 9.00    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 207.55   | 206.87   | 210.65   | 208.35     | 0.97    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.01     | 0.02       | 18.50   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-82-FL2-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:52:24  | DataFile Name :   | 122SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.03    | 0.02       | 31.46   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-11 Instrumnet Name : P7  
 Client Sample ID : DC24741-83-FL2-BRW-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:55:49 DataFile Name : 123SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.76    | 8.08    | 8.01    | 7.95       | 2.07    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.05    | 0.04    | 0.04       | 17.85   | ppb   |
| Arsenic    | 75-2  | 0.33    | 0.23    | 0.27    | 0.28       | 17.17   | ppb   |
| Barium     | 135-1 | 15.62   | 15.76   | 15.91   | 15.76      | 0.92    | ppb   |
| Barium     | 137-1 | 15.73   | 15.82   | 15.83   | 15.79      | 0.35    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 389.95  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.28    | 3.81    | 3.53    | 3.87       | 9.87    | ppb   |
| Boron      | 11-1  | 4.12    | 4.38    | 4.14    | 4.22       | 3.44    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.08   | -0.02   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.90   | -1.22   | -0.26   | -0.79      |         | ppb   |
| Cadmium    | 108-1 | 0.12    | 0.08    | 0.02    | 0.07       | 66.56   | ppb   |
| Calcium    | 43-1  | 4756.03 | 4857.10 | 4954.91 | 4856.01    | 2.05    | ppb   |
| Calcium    | 44-1  | 4876.68 | 4919.36 | 4963.94 | 4919.99    | 0.89    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.03    | -0.02   | 0.01       | 250.07  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.01       | 39.16   | ppb   |
| Copper     | 63-2  | 20.40   | 20.38   | 20.65   | 20.47      | 0.74    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.92   | 21.88   | 21.38   | 21.73      | 1.38    | ppb   |
| Iron       | 57-2  | 26.29   | 26.31   | 25.69   | 26.10      | 1.35    | ppb   |
| Lead       | 206-1 | 0.14    | 0.12    | 0.13    | 0.13       | 8.81    | ppb   |
| Lead       | 207-1 | 0.12    | 0.13    | 0.15    | 0.14       | 11.99   | ppb   |
| Lead       | 208-1 | 0.13    | 0.13    | 0.14    | 0.14       | 2.83    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1131.22 | 1120.52 | 1123.20 | 1124.98    | 0.50    | ppb   |
| Manganese  | 55-2  | 14.39   | 14.34   | 14.36   | 14.36      | 0.19    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-83-FL2-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:55:49  | DataFile Name :   | 123SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 14.68   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.01    | 0.02    | 0.01       | 43.13   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.02    | 0.01    | 0.01       | 23.60   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.03    | 0.01    | 0.03       | 44.91   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.02    | 0.02       | 5.99    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.34    | 0.33    | 0.29    | 0.32       | 7.71    | ppb   |
| Phosphorus | 31-2  | 683.24  | 677.37  | 665.87  | 675.49     | 1.31    | ppb   |
| Potassium  | 39-2  | 486.74  | 482.70  | 481.67  | 483.70     | 0.55    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.02   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.49    | -0.04   | 0.25    | 0.24       | 111.62  | ppb   |
| Selenium   | 82-1  | 0.85    | 0.48    | -0.15   | 0.40       | 127.85  | ppb   |
| Silicon    | 28-1  | 971.90  | 963.74  | 981.80  | 972.48     | 0.93    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 46.45   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 10.36   | ppb   |
| Sodium     | 23-2  | 9955.98 | 9951.10 | 9967.90 | 9958.33    | 0.09    | ppb   |
| Strontium  | 86-1  | 17.15   | 17.06   | 17.17   | 17.13      | 0.34    | ppb   |
| Strontium  | 88-1  | 17.53   | 17.22   | 17.30   | 17.35      | 0.94    | ppb   |
| Sulfur     | 34-1  | 416.58  | 472.00  | 518.65  | 469.08     | 10.89   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 30.44   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 28.99   | ppb   |
| Tin        | 118-1 | -0.04   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.26    | 0.28    | 0.28    | 0.28       | 3.61    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 6.09    | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.04    | 0.05    | 0.04       | 20.40   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 16.06   | 15.71   | 15.71   | 15.83      | 1.27    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 10.45   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-83-FL2-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:55:49  | DataFile Name :   | 123SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.03    | 0.02       | 28.08   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV74               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV74               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:59:14 | DataFile Name :   | 124SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.71    | 2.88    | 2.61    | 2.74       | 5.07    | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.00    | 0.01       | 39.08   | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.03    | 0.00    | 0.01       | 263.25  | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.01    | 0.00       | 137.26  | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.45    | 0.17    | 0.61    | 0.41       | 54.80   | ppb   |
| Boron      | 11-1  | 0.58    | 0.58    | 0.60    | 0.59       | 2.52    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.07   | -0.01   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.83   | -1.04   | -0.11   | -0.66      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.04    | 0.04    | 0.04       | 17.44   | ppb   |
| Calcium    | 43-1  | 3.15    | 5.92    | 7.77    | 5.61       | 41.40   | ppb   |
| Calcium    | 44-1  | 10.13   | 9.81    | 9.64    | 9.86       | 2.54    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.02    | 0.00    | 0.01       | 208.30  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.05    | 0.05    | 0.05       | 10.89   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.66    | 0.68    | 0.75    | 0.70       | 6.78    | ppb   |
| Iron       | 57-2  | 0.94    | -0.25   | 0.04    | 0.24       | 255.23  | ppb   |
| Lead       | 206-1 | 520.38  | 524.95  | 521.26  | 522.20     | 0.46    | ppb   |
| Lead       | 207-1 | 521.72  | 517.70  | 494.63  | 511.35     | 2.86    | ppb   |
| Lead       | 208-1 | 522.97  | 522.72  | 515.00  | 520.23     | 0.87    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.38    | 0.10    | 0.24    | 0.24       | 59.56   | ppb   |
| Manganese  | 55-2  | 0.01    | 0.01    | 0.02    | 0.01       | 49.21   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV74               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV74               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:59:14 | DataFile Name :   | 124SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | 185.49  | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | 1046.23 | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.00    | 0.01    | 0.01       | 76.90   | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.00    | 0.00       | 92.91   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.01    | 0.01    | 0.01       | 81.04   | ppb   |
| Phosphorus | 31-2  | -12.84  | -14.49  | -1.32   | -9.55      |         | ppb   |
| Potassium  | 39-2  | 5.27    | 4.92    | 6.64    | 5.61       | 16.14   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | -0.27   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.94    | 0.27    | 0.97    | 0.73       | 54.78   | ppb   |
| Selenium   | 82-1  | 0.52    | 0.59    | 0.51    | 0.54       | 7.83    | ppb   |
| Silicon    | 28-1  | -0.17   | -0.45   | -1.26   | -0.63      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 68.38   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 44.19   | ppb   |
| Sodium     | 23-2  | 22.49   | 22.43   | 23.85   | 22.92      | 3.50    | ppb   |
| Strontium  | 86-1  | 0.01    | -0.03   | 0.00    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -58.89  | -164.79 | -198.06 | -140.58    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 17.65   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.02    | 0.01       | 14.50   | ppb   |
| Tin        | 118-1 | -0.03   | -0.02   | -0.05   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.02    | -0.01   | 0.02    | 0.01       | 148.02  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 37.01   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.20    | 0.26    | 0.30    | 0.25       | 19.03   | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 27.70   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV74               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV74               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:59:14 | DataFile Name :   | 124SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.00    | 0.00       | 102.79  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB74               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB74               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:02:40 | DataFile Name :   | 125SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.13   | 0.15    | 0.26    | 0.09       | 215.62  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 5.89    | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Barium     | 135-1 | 0.01    | -0.01   | 0.01    | 0.00       | 636.86  | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 33.21   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.01    | 0.46    | 0.39    | 0.29       | 84.13   | ppb   |
| Boron      | 11-1  | 0.38    | 0.31    | 0.24    | 0.31       | 21.93   | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.04   | -0.08   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -1.00   | -0.52   | -1.02   | -0.85      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.03    | 0.05    | 0.02       | 185.92  | ppb   |
| Calcium    | 43-1  | 16.95   | 13.51   | 14.52   | 14.99      | 11.82   | ppb   |
| Calcium    | 44-1  | 20.67   | 18.96   | 18.56   | 19.40      | 5.78    | ppb   |
| Chromium   | 52-2  | 0.01    | -0.01   | 0.00    | 0.00       | 438.27  | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.03    | 0.04    | 0.03       | 30.82   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.45    | 0.40    | 0.44    | 0.43       | 5.96    | ppb   |
| Iron       | 57-2  | -0.47   | -0.01   | 0.08    | -0.13      |         | ppb   |
| Lead       | 206-1 | 0.04    | 0.03    | 0.04    | 0.04       | 10.55   | ppb   |
| Lead       | 207-1 | 0.04    | 0.05    | 0.04    | 0.05       | 17.78   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 0.89    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.29    | 0.04    | 0.46    | 0.27       | 79.76   | ppb   |
| Manganese  | 55-2  | 0.03    | 0.04    | 0.03    | 0.03       | 13.81   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB74               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB74               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:02:40 | DataFile Name :   | 125SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.05    | 0.05    | 0.06    | 0.05       | 8.96    | ppb   |
| Phosphorus | 31-2  | -22.12  | -7.17   | -6.83   | -12.04     |         | ppb   |
| Potassium  | 39-2  | 2.21    | 0.90    | 0.87    | 1.33       | 57.67   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | -0.27   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.83    | -0.34   | -0.80   | -0.10      |         | ppb   |
| Selenium   | 82-1  | -0.41   | 0.57    | 0.19    | 0.11       | 434.56  | ppb   |
| Silicon    | 28-1  | -1.44   | -1.84   | -2.91   | -2.06      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 51.38   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 3356.86 | ppb   |
| Sodium     | 23-2  | 21.71   | 20.78   | 20.88   | 21.12      | 2.42    | ppb   |
| Strontium  | 86-1  | 0.06    | 0.06    | 0.06    | 0.06       | 5.11    | ppb   |
| Strontium  | 88-1  | 0.02    | 0.01    | 0.02    | 0.02       | 10.92   | ppb   |
| Sulfur     | 34-1  | -126.79 | -168.05 | -197.42 | -164.08    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.46   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 19.94   | ppb   |
| Tin        | 118-1 | 0.01    | 0.00    | -0.01   | 0.00       | 1902.34 | ppb   |
| Titanium   | 47-1  | 0.02    | 0.01    | -0.02   | 0.00       | 387.12  | ppb   |
| Uranium    | 238-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.01    | 0.00       | 72.00   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.40    | 1.53    | 1.57    | 1.50       | 5.67    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB74               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB74               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:02:40 | DataFile Name :   | 125SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | -0.01   | 0.00       | 402.32  | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-12 Instrumnet Name : P7  
 Client Sample ID : DC24741-84-FL2-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 23:06:07 DataFile Name : 126SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.99    | 5.29    | 6.21    | 5.50       | 11.52   | ppb   |
| Antimony   | 121-1 | 0.18    | 0.18    | 0.19    | 0.18       | 3.20    | ppb   |
| Arsenic    | 75-2  | 0.34    | 0.24    | 0.29    | 0.29       | 16.67   | ppb   |
| Barium     | 135-1 | 16.42   | 16.51   | 16.94   | 16.62      | 1.67    | ppb   |
| Barium     | 137-1 | 16.40   | 16.35   | 16.95   | 16.57      | 2.01    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 117.30  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.63    | 3.52    | 4.29    | 3.81       | 10.95   | ppb   |
| Boron      | 11-1  | 3.78    | 3.85    | 3.93    | 3.85       | 1.99    | ppb   |
| Cadmium    | 111-1 | -0.04   | 0.00    | 0.02    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.82   | -0.35   | -0.15   | -0.44      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.01    | 0.05    | 0.04       | 71.22   | ppb   |
| Calcium    | 43-1  | 4892.88 | 4869.16 | 4896.56 | 4886.20    | 0.30    | ppb   |
| Calcium    | 44-1  | 4924.90 | 4931.57 | 4937.46 | 4931.31    | 0.13    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.00    | 0.01    | 0.01       | 91.20   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.02    | 0.02    | 0.02       | 27.19   | ppb   |
| Copper     | 63-2  | 114.70  | 115.26  | 114.55  | 114.84     | 0.32    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.24   | 23.31   | 23.47   | 23.34      | 0.51    | ppb   |
| Iron       | 57-2  | 26.88   | 27.54   | 24.23   | 26.21      | 6.67    | ppb   |
| Lead       | 206-1 | 3.56    | 3.61    | 3.44    | 3.54       | 2.47    | ppb   |
| Lead       | 207-1 | 3.41    | 3.37    | 3.22    | 3.33       | 2.88    | ppb   |
| Lead       | 208-1 | 3.46    | 3.50    | 3.40    | 3.46       | 1.39    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1125.30 | 1122.50 | 1122.28 | 1123.36    | 0.15    | ppb   |
| Manganese  | 55-2  | 14.51   | 14.68   | 14.37   | 14.52      | 1.07    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-84-FL2-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:06:07  | DataFile Name :   | 126SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.01    | 0.02       | 23.22   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02    | 0.01    | 0.02       | 17.37   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.02    | 0.02    | 0.01       | 56.35   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.02    | 0.02       | 22.84   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.02    | 0.02       | 16.74   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.94    | 1.81    | 1.95    | 1.90       | 4.18    | ppb   |
| Phosphorus | 31-2  | 669.34  | 620.35  | 610.11  | 633.27     | 5.00    | ppb   |
| Potassium  | 39-2  | 484.08  | 481.78  | 483.89  | 483.25     | 0.26    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.02   | 0.72    | 0.15       | 352.48  | ppb   |
| Selenium   | 78-2  | 0.15    | 0.23    | 0.51    | 0.30       | 63.39   | ppb   |
| Selenium   | 82-1  | 0.21    | 0.18    | 0.92    | 0.44       | 95.95   | ppb   |
| Silicon    | 28-1  | 967.23  | 978.85  | 979.32  | 975.14     | 0.70    | ppb   |
| Silver     | 109-1 | 0.02    | 0.03    | 0.02    | 0.02       | 14.21   | ppb   |
| Silver     | 107-1 | 0.03    | 0.02    | 0.02    | 0.02       | 19.01   | ppb   |
| Sodium     | 23-2  | 9951.60 | 9954.21 | 9883.60 | 9929.80    | 0.40    | ppb   |
| Strontium  | 86-1  | 17.52   | 16.85   | 17.28   | 17.22      | 1.97    | ppb   |
| Strontium  | 88-1  | 17.60   | 17.45   | 17.32   | 17.46      | 0.79    | ppb   |
| Sulfur     | 34-1  | 563.63  | 690.48  | 677.32  | 643.81     | 10.83   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 9.05    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 35.00   | ppb   |
| Tin        | 118-1 | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.34    | 0.31    | 0.31    | 0.32       | 5.68    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.00    | 0.01       | 7.06    | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05    | 0.05    | 0.05       | 12.02   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 137.21  | 138.16  | 138.21  | 137.86     | 0.41    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.02    | 0.02       | 14.18   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-84-FL2-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:06:07  | DataFile Name :   | 126SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.03    | 0.03       | 31.38   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-13 Instrumnet Name : P7  
 Client Sample ID : DC24741-85-FL2-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 23:09:31 DataFile Name : 127SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.94    | 5.31    | 6.72    | 5.99       | 11.76   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.05    | 0.04    | 0.04       | 15.38   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.29    | 0.27    | 0.26       | 10.81   | ppb   |
| Barium     | 135-1 | 15.62   | 15.44   | 15.20   | 15.42      | 1.39    | ppb   |
| Barium     | 137-1 | 15.62   | 15.55   | 15.32   | 15.50      | 1.00    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | 220.83  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.97    | 4.20    | 3.92    | 4.03       | 3.79    | ppb   |
| Boron      | 11-1  | 3.95    | 3.82    | 4.06    | 3.95       | 3.04    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.03   | -0.06   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -1.02   | -0.46   | -0.84   | -0.78      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.02    | 0.01    | 0.02       | 47.08   | ppb   |
| Calcium    | 43-1  | 4791.22 | 4810.21 | 4828.65 | 4810.03    | 0.39    | ppb   |
| Calcium    | 44-1  | 4840.49 | 4852.81 | 4857.86 | 4850.39    | 0.18    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.03    | -0.01   | 0.01       | 138.80  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 21.93   | ppb   |
| Copper     | 63-2  | 23.01   | 23.03   | 23.15   | 23.06      | 0.33    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.22   | 22.24   | 21.42   | 21.63      | 2.49    | ppb   |
| Iron       | 57-2  | 27.08   | 26.80   | 27.92   | 27.27      | 2.14    | ppb   |
| Lead       | 206-1 | 0.25    | 0.22    | 0.23    | 0.23       | 5.78    | ppb   |
| Lead       | 207-1 | 0.22    | 0.22    | 0.22    | 0.22       | 1.16    | ppb   |
| Lead       | 208-1 | 0.22    | 0.22    | 0.23    | 0.23       | 0.78    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1110.76 | 1111.15 | 1107.06 | 1109.65    | 0.20    | ppb   |
| Manganese  | 55-2  | 14.24   | 14.23   | 14.25   | 14.24      | 0.08    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-85-FL2-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:09:31  | DataFile Name :   | 127SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.03     | 0.02    | 0.02       | 16.97   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.03     | 0.01    | 0.02       | 66.11   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.02     | 0.01    | 0.02       | 36.35   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.03     | 0.02    | 0.02       | 15.44   | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.02     | 0.02    | 0.02       | 31.54   | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.31    | 0.30     | 0.26    | 0.29       | 9.00    | ppb   |
| Phosphorus | 31-2  | 678.08  | 674.46   | 634.08  | 662.21     | 3.69    | ppb   |
| Potassium  | 39-2  | 485.91  | 484.82   | 480.02  | 483.58     | 0.65    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | 0.47     | -0.27   | -0.02      |         | ppb   |
| Selenium   | 78-2  | -0.19   | -0.26    | 0.62    | 0.06       | 867.39  | ppb   |
| Selenium   | 82-1  | 0.72    | 0.14     | 0.41    | 0.42       | 67.31   | ppb   |
| Silicon    | 28-1  | 987.69  | 977.99   | 978.16  | 981.28     | 0.57    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01     | 0.01    | 0.01       | 16.38   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00     | 0.01    | 0.00       | 56.62   | ppb   |
| Sodium     | 23-2  | 9827.87 | 10003.15 | 9935.35 | 9922.12    | 0.89    | ppb   |
| Strontium  | 86-1  | 16.81   | 17.10    | 17.14   | 17.02      | 1.06    | ppb   |
| Strontium  | 88-1  | 17.03   | 17.17    | 17.11   | 17.10      | 0.42    | ppb   |
| Sulfur     | 34-1  | 469.73  | 562.18   | 604.25  | 545.39     | 12.62   | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01     | 0.01    | 0.01       | 20.47   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01     | 0.01    | 0.01       | 11.33   | ppb   |
| Tin        | 118-1 | -0.08   | -0.07    | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.55    | 0.22     | 0.29    | 0.35       | 49.28   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01     | 0.00    | 0.01       | 28.85   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.05     | 0.06    | 0.06       | 16.19   | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 10.77   | 10.63    | 11.01   | 10.81      | 1.75    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02     | 0.02    | 0.02       | 12.09   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-85-FL2-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:09:31  | DataFile Name :   | 127SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.04    | 0.03       | 17.11   | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-14 Instrumnet Name : P7  
 Client Sample ID : DC24741-87-ROOF-BSC Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 23:12:56 DataFile Name : 128SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.46    | 6.43    | 5.68    | 6.52       | 13.69   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.05    | 0.04       | 20.35   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.26    | 0.28    | 0.26       | 6.79    | ppb   |
| Barium     | 135-1 | 15.85   | 15.73   | 15.56   | 15.71      | 0.91    | ppb   |
| Barium     | 137-1 | 16.01   | 15.68   | 15.61   | 15.77      | 1.37    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.01    | 0.00       | 240.51  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.47    | 4.32    | 3.90    | 3.89       | 10.94   | ppb   |
| Boron      | 11-1  | 4.40    | 3.93    | 4.16    | 4.16       | 5.64    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.46   | -0.62   | -0.64   | -0.57      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.04    | -0.02   | 0.01       | 348.06  | ppb   |
| Calcium    | 43-1  | 4942.87 | 4854.81 | 4815.96 | 4871.21    | 1.33    | ppb   |
| Calcium    | 44-1  | 4976.03 | 4888.19 | 4894.54 | 4919.59    | 1.00    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.03    | 0.02    | 0.03       | 15.30   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 37.88   | ppb   |
| Copper     | 63-2  | 22.68   | 23.30   | 23.45   | 23.14      | 1.76    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.44   | 22.26   | 22.33   | 22.34      | 0.40    | ppb   |
| Iron       | 57-2  | 27.11   | 27.10   | 28.12   | 27.44      | 2.13    | ppb   |
| Lead       | 206-1 | 0.23    | 0.25    | 0.22    | 0.23       | 5.32    | ppb   |
| Lead       | 207-1 | 0.23    | 0.23    | 0.23    | 0.23       | 0.86    | ppb   |
| Lead       | 208-1 | 0.23    | 0.23    | 0.22    | 0.23       | 0.55    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1118.26 | 1120.51 | 1117.87 | 1118.88    | 0.13    | ppb   |
| Manganese  | 55-2  | 14.29   | 14.57   | 14.63   | 14.49      | 1.26    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-14 Instrumnet Name : P7  
 Client Sample ID : DC24741-87-ROOF-BSC Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 23:12:56 DataFile Name : 128SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02     | 0.03     | 0.02       | 31.69   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.01     | 0.01     | 0.01       | 25.28   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.02     | 0.01     | 0.02       | 34.84   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02     | 0.01     | 0.02       | 29.01   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03     | 0.03     | 0.03       | 5.52    | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.31    | 0.28     | 0.27     | 0.28       | 7.08    | ppb   |
| Phosphorus | 31-2  | 656.87  | 655.21   | 680.82   | 664.30     | 2.16    | ppb   |
| Potassium  | 39-2  | 479.18  | 482.78   | 496.81   | 486.26     | 1.92    | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | -0.02   | -0.01    | -0.27    | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.22    | 0.11     | -0.06    | 0.09       | 154.43  | ppb   |
| Selenium   | 82-1  | 0.46    | 0.83     | 0.02     | 0.44       | 93.44   | ppb   |
| Silicon    | 28-1  | 987.50  | 967.58   | 1003.25  | 986.11     | 1.81    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01     | 0.00     | 0.00       | 4.84    | ppb   |
| Silver     | 107-1 | 0.00    | 0.00     | 0.00     | 0.00       | 309.11  | ppb   |
| Sodium     | 23-2  | 9902.43 | 10062.88 | 10123.44 | 10029.59   | 1.14    | ppb   |
| Strontium  | 86-1  | 17.39   | 16.96    | 16.86    | 17.07      | 1.65    | ppb   |
| Strontium  | 88-1  | 17.53   | 17.12    | 16.97    | 17.20      | 1.69    | ppb   |
| Sulfur     | 34-1  | 660.21  | 563.36   | 617.67   | 613.75     | 7.91    | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01     | 0.01     | 0.01       | 14.56   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01     | 0.01     | 0.01       | 25.17   | ppb   |
| Tin        | 118-1 | -0.07   | -0.06    | -0.07    | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.40    | 0.31     | 0.40     | 0.37       | 13.62   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00     | 0.00     | 0.01       | 27.11   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.04     | 0.06     | 0.05       | 18.72   | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 8.37    | 8.67     | 8.89     | 8.64       | 2.98    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02     | 0.03     | 0.02       | 27.16   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-87-ROOF-BSC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:12:56 | DataFile Name :   | 128SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.03    | 0.02       | 78.76   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-15 Instrumnet Name : P7  
 Client Sample ID : DC24741-88-ROOF-BSC Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 23:16:20 DataFile Name : 129SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.53   | 10.25   | 9.02    | 10.60      | 16.81   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 0.29    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.32    | 0.23    | 0.26       | 18.99   | ppb   |
| Barium     | 135-1 | 15.87   | 15.70   | 16.24   | 15.94      | 1.72    | ppb   |
| Barium     | 137-1 | 15.73   | 15.86   | 16.28   | 15.96      | 1.80    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | 129.22  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.63    | 4.06    | 4.09    | 3.92       | 6.55    | ppb   |
| Boron      | 11-1  | 4.05    | 4.24    | 4.17    | 4.15       | 2.37    | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.02   | -0.06   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -1.18   | -0.41   | -0.88   | -0.82      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.05    | 0.02    | 0.03       | 51.11   | ppb   |
| Calcium    | 43-1  | 4821.84 | 4874.66 | 4950.36 | 4882.29    | 1.32    | ppb   |
| Calcium    | 44-1  | 4891.50 | 4918.37 | 4979.03 | 4929.63    | 0.91    | ppb   |
| Chromium   | 52-2  | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 19.52   | ppb   |
| Copper     | 63-2  | 30.21   | 29.93   | 30.22   | 30.12      | 0.54    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.66   | 23.26   | 23.46   | 23.13      | 1.82    | ppb   |
| Iron       | 57-2  | 29.02   | 27.59   | 28.21   | 28.28      | 2.54    | ppb   |
| Lead       | 206-1 | 0.69    | 0.69    | 0.69    | 0.69       | 0.60    | ppb   |
| Lead       | 207-1 | 0.62    | 0.66    | 0.68    | 0.65       | 4.47    | ppb   |
| Lead       | 208-1 | 0.65    | 0.67    | 0.67    | 0.67       | 1.64    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1115.08 | 1107.66 | 1111.25 | 1111.33    | 0.33    | ppb   |
| Manganese  | 55-2  | 14.71   | 14.62   | 14.72   | 14.68      | 0.37    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-88-ROOF-BSC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:16:20 | DataFile Name :   | 129SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.01    | 0.02       | 42.75   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02    | 0.01    | 0.01       | 53.63   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.02    | 0.02       | 15.07   | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.03    | 0.03    | 0.02       | 85.95   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.02    | 0.02       | 18.71   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.28    | 0.26    | 0.27    | 0.27       | 4.44    | ppb   |
| Phosphorus | 31-2  | 674.94  | 604.57  | 694.26  | 657.92     | 7.17    | ppb   |
| Potassium  | 39-2  | 477.27  | 485.67  | 489.60  | 484.18     | 1.30    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | -0.02   | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.12   | 0.44    | 0.30    | 0.21       | 139.05  | ppb   |
| Selenium   | 82-1  | 0.57    | 0.29    | 0.00    | 0.29       | 99.72   | ppb   |
| Silicon    | 28-1  | 1024.67 | 1006.70 | 999.65  | 1010.34    | 1.28    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 46.37   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 44.63   | ppb   |
| Sodium     | 23-2  | 9935.53 | 9884.64 | 9962.74 | 9927.64    | 0.40    | ppb   |
| Strontium  | 86-1  | 16.87   | 16.57   | 17.46   | 16.97      | 2.68    | ppb   |
| Strontium  | 88-1  | 17.24   | 17.28   | 17.62   | 17.38      | 1.18    | ppb   |
| Sulfur     | 34-1  | 573.67  | 596.13  | 603.81  | 591.20     | 2.65    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.58   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 34.17   | ppb   |
| Tin        | 118-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.31    | 0.31    | 0.42    | 0.34       | 18.95   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 7.53    | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05    | 0.05    | 0.05       | 15.83   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 9.61    | 9.70    | 9.70    | 9.67       | 0.53    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 5.65    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-88-ROOF-BSC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:16:20 | DataFile Name :   | 129SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.04    | 0.02       | 35.83   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101369BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101369BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:19:45 | DataFile Name :   | 130SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.15   | -0.05   | -0.46   | -0.22      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.01    | 0.01       | 148.42  | ppb   |
| Beryllium  | 9-1   | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.23    | 0.31    | 0.50    | 0.35       | 39.50   | ppb   |
| Boron      | 11-1  | 0.47    | 0.29    | 0.39    | 0.38       | 23.98   | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.06   | -0.06   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.29   | -0.78   | -0.77   | -0.61      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.02    | 0.01    | 0.02       | 42.92   | ppb   |
| Calcium    | 43-1  | 1.60    | 1.67    | 1.05    | 1.44       | 23.69   | ppb   |
| Calcium    | 44-1  | 4.47    | 5.05    | 4.86    | 4.80       | 6.20    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.04    | 0.02    | 0.03       | 36.91   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.20    | 0.18    | 0.18    | 0.19       | 6.84    | ppb   |
| Iron       | 57-2  | -0.25   | 0.80    | 0.02    | 0.19       | 282.72  | ppb   |
| Lead       | 206-1 | 0.03    | 0.02    | 0.02    | 0.02       | 13.56   | ppb   |
| Lead       | 207-1 | 0.02    | 0.03    | 0.03    | 0.03       | 14.64   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 13.58   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.36    | 0.08    | 0.29    | 0.25       | 58.66   | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | 0.01    | 0.01       | 67.31   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101369BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101369BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:19:45 | DataFile Name :   | 130SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.01    | 0.01    | 0.01       | 19.10   | ppb   |
| Phosphorus | 31-2  | -20.33  | -16.36  | -17.15  | -17.95     |         | ppb   |
| Potassium  | 39-2  | 4.50    | 1.40    | -0.48   | 1.80       | 139.47  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | 0.00    | 0.00    | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.42    | 1.14    | 0.07    | 0.54       | 99.54   | ppb   |
| Selenium   | 82-1  | 0.52    | 0.47    | 0.61    | 0.53       | 13.52   | ppb   |
| Silicon    | 28-1  | -0.50   | -0.17   | -0.78   | -0.48      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 149.17  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 20.97   | 20.90   | 21.33   | 21.06      | 1.09    | ppb   |
| Strontium  | 86-1  | -0.01   | 0.05    | 0.05    | 0.03       | 106.34  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.01    | 0.00       | 143.19  | ppb   |
| Sulfur     | 34-1  | -318.77 | -217.50 | -330.41 | -288.89    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 13.66   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 28.82   | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | -0.03   | -0.02   | 0.00    | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 236.87  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.05    | 0.03    | 0.07    | 0.05       | 40.32   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 108.28  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101369BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101369BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:19:45 | DataFile Name :   | 130SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.00    | 0.00       | 404.60  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101369BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101369BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:23:11 | DataFile Name :   | 131SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.90    | 2.31    | 1.40    | 1.87       | 24.30   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.00    | 0.01    | 0.00       | 28.73   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | 0.00    | 0.00       | 162.24  | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.27    | 0.14    | 0.33    | 0.25       | 40.25   | ppb   |
| Boron      | 11-1  | 0.30    | 0.43    | 0.21    | 0.31       | 35.05   | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.00    | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.01   | -0.05   | -0.71   | -0.26      |         | ppb   |
| Cadmium    | 108-1 | 0.11    | 0.04    | 0.01    | 0.05       | 98.60   | ppb   |
| Calcium    | 43-1  | 8.26    | 10.41   | 6.77    | 8.48       | 21.57   | ppb   |
| Calcium    | 44-1  | 13.11   | 11.94   | 12.61   | 12.55      | 4.68    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.03   | 0.01    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.02    | 0.03    | 0.03       | 24.54   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.67    | 0.72    | 0.73    | 0.70       | 4.44    | ppb   |
| Iron       | 57-2  | 0.25    | 0.44    | 0.21    | 0.30       | 40.26   | ppb   |
| Lead       | 206-1 | 515.00  | 512.95  | 515.77  | 514.57     | 0.28    | ppb   |
| Lead       | 207-1 | 489.67  | 511.65  | 493.36  | 498.23     | 2.36    | ppb   |
| Lead       | 208-1 | 507.54  | 512.97  | 509.85  | 510.12     | 0.53    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.55    | 0.27    | 0.16    | 0.33       | 61.78   | ppb   |
| Manganese  | 55-2  | 0.06    | 0.05    | 0.05    | 0.06       | 11.63   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101369BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101369BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:23:11 | DataFile Name :   | 131SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | 226.32  | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | 0.00    | 0.00       | 262.63  | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.01    | 0.01    | 0.01       | 30.31   | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.00    | 0.00       | 16.52   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.03    | 0.04    | 0.03       | 31.68   | ppb   |
| Phosphorus | 31-2  | -10.66  | -7.44   | -12.59  | -10.23     |         | ppb   |
| Potassium  | 39-2  | 2.16    | 3.99    | 4.33    | 3.49       | 33.42   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | -0.27   | -0.27      |         | ppb   |
| Selenium   | 78-2  | 0.12    | 0.20    | 0.20    | 0.17       | 25.07   | ppb   |
| Selenium   | 82-1  | -0.09   | -0.13   | 0.42    | 0.07       | 442.55  | ppb   |
| Silicon    | 28-1  | -0.67   | -2.09   | -2.02   | -1.59      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 29.32   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 53.85   | ppb   |
| Sodium     | 23-2  | 19.99   | 21.45   | 21.64   | 21.03      | 4.29    | ppb   |
| Strontium  | 86-1  | 0.02    | 0.01    | 0.01    | 0.01       | 39.17   | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -214.41 | -236.56 | -161.03 | -204.00    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.02    | 0.01       | 18.03   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.01    | 0.01       | 18.20   | ppb   |
| Tin        | 118-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.01    | 0.05    | 0.04    | 0.03       | 70.65   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 60.65   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.39    | 0.53    | 0.50    | 0.47       | 14.93   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.01    | 0.00       | 181.57  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101369BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101369BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:23:11 | DataFile Name :   | 131SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.00    | 0.01       | 57.45   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-01 Instrumnet Name : P7  
 Client Sample ID : DC32515-01-FL2-BRC-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 23:26:37 DataFile Name : 132SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 29.87   | 27.55   | 28.24   | 28.55      | 4.17    | ppb   |
| Antimony   | 121-1 | 0.09    | 0.09    | 0.09    | 0.09       | 1.86    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.21    | 0.26    | 0.24       | 12.42   | ppb   |
| Barium     | 135-1 | 15.63   | 15.55   | 15.64   | 15.61      | 0.30    | ppb   |
| Barium     | 137-1 | 15.84   | 15.61   | 15.51   | 15.66      | 1.08    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.36    | 4.59    | 3.89    | 3.95       | 15.59   | ppb   |
| Boron      | 11-1  | 4.00    | 4.19    | 4.03    | 4.07       | 2.42    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.00    | 0.02    | 0.02       | 78.93   | ppb   |
| Cadmium    | 106-1 | 0.35    | -0.08   | 0.23    | 0.17       | 131.12  | ppb   |
| Cadmium    | 108-1 | 0.15    | 0.02    | 0.14    | 0.10       | 68.39   | ppb   |
| Calcium    | 43-1  | 5005.79 | 4984.35 | 4889.63 | 4959.93    | 1.25    | ppb   |
| Calcium    | 44-1  | 5035.07 | 5057.00 | 4949.62 | 5013.90    | 1.13    | ppb   |
| Chromium   | 52-2  | 0.14    | 0.13    | 0.12    | 0.13       | 9.24    | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.02    | 0.03    | 0.03       | 18.13   | ppb   |
| Copper     | 63-2  | 129.47  | 130.68  | 131.10  | 130.42     | 0.65    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 20.11   | 20.11   | 20.06   | 20.09      | 0.14    | ppb   |
| Iron       | 57-2  | 25.25   | 25.42   | 26.44   | 25.70      | 2.50    | ppb   |
| Lead       | 206-1 | 0.58    | 0.54    | 0.51    | 0.55       | 5.79    | ppb   |
| Lead       | 207-1 | 0.50    | 0.50    | 0.49    | 0.49       | 1.23    | ppb   |
| Lead       | 208-1 | 0.52    | 0.52    | 0.51    | 0.52       | 1.58    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1113.21 | 1127.90 | 1122.46 | 1121.19    | 0.66    | ppb   |
| Manganese  | 55-2  | 9.70    | 9.54    | 9.78    | 9.67       | 1.23    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-01             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-01-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:26:37  | DataFile Name :   | 132SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.02     | 0.01     | 0.02       | 40.41   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.02     | 0.03     | 0.02       | 31.35   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.02     | 0.02     | 0.01       | 30.04   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.03     | 0.02     | 0.02       | 14.74   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.01     | 0.03     | 0.02       | 30.10   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.93     | 2.00     | 2.07     | 2.00       | 3.44    | ppb   |
| Phosphorus | 31-2  | 547.63   | 478.60   | 550.00   | 525.41     | 7.72    | ppb   |
| Potassium  | 39-2  | 478.86   | 480.45   | 481.20   | 480.17     | 0.25    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.01    | 0.24     | 0.23     | 0.15       | 95.17   | ppb   |
| Selenium   | 78-2  | -0.06    | 0.19     | 0.38     | 0.17       | 129.12  | ppb   |
| Selenium   | 82-1  | 0.49     | 0.30     | 0.31     | 0.37       | 29.81   | ppb   |
| Silicon    | 28-1  | 1020.08  | 1031.85  | 1005.04  | 1018.99    | 1.32    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 91.88   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 8425.22 | ppb   |
| Sodium     | 23-2  | 10251.83 | 10287.04 | 10242.54 | 10260.47   | 0.23    | ppb   |
| Strontium  | 86-1  | 17.03    | 17.23    | 17.02    | 17.09      | 0.71    | ppb   |
| Strontium  | 88-1  | 17.18    | 17.19    | 17.26    | 17.21      | 0.24    | ppb   |
| Sulfur     | 34-1  | 663.38   | 700.45   | 566.04   | 643.29     | 10.79   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 13.84   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 19.95   | ppb   |
| Tin        | 118-1 | -0.04    | -0.04    | -0.03    | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.28     | 0.24     | 0.19     | 0.24       | 18.30   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00     | 0.01     | 0.01       | 9.13    | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06     | 0.05     | 0.06       | 10.60   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 398.07   | 399.36   | 404.56   | 400.66     | 0.86    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.03     | 0.03     | 0.03       | 5.93    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-01             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-01-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:26:37  | DataFile Name :   | 132SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.02    | 0.02       | 25.37   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-02-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:30:01  | DataFile Name :   | 133SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 30.10   | 28.91   | 30.36   | 29.79      | 2.60    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.07    | 0.06       | 3.32    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.28    | 0.34    | 0.30       | 10.92   | ppb   |
| Barium     | 135-1 | 15.76   | 15.64   | 15.54   | 15.65      | 0.69    | ppb   |
| Barium     | 137-1 | 16.35   | 15.68   | 15.79   | 15.94      | 2.23    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 295.38  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.51    | 4.57    | 4.51    | 4.53       | 0.80    | ppb   |
| Boron      | 11-1  | 4.46    | 4.78    | 4.64    | 4.63       | 3.46    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.35   | -0.24   | -0.41   | -0.34      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.06    | 0.01    | 0.03       | 120.84  | ppb   |
| Calcium    | 43-1  | 4839.11 | 4736.13 | 4857.13 | 4810.79    | 1.36    | ppb   |
| Calcium    | 44-1  | 4877.52 | 4870.32 | 4885.98 | 4877.94    | 0.16    | ppb   |
| Chromium   | 52-2  | 0.30    | 0.35    | 0.36    | 0.34       | 9.81    | ppb   |
| Cobalt     | 59-2  | 0.06    | 0.04    | 0.05    | 0.05       | 21.66   | ppb   |
| Copper     | 63-2  | 121.73  | 121.29  | 121.16  | 121.39     | 0.25    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 39.62   | 40.31   | 40.16   | 40.03      | 0.90    | ppb   |
| Iron       | 57-2  | 45.02   | 47.40   | 47.69   | 46.70      | 3.13    | ppb   |
| Lead       | 206-1 | 0.10    | 0.10    | 0.10    | 0.10       | 2.95    | ppb   |
| Lead       | 207-1 | 0.08    | 0.09    | 0.09    | 0.09       | 9.15    | ppb   |
| Lead       | 208-1 | 0.09    | 0.09    | 0.10    | 0.09       | 2.47    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1102.05 | 1113.73 | 1092.40 | 1102.73    | 0.97    | ppb   |
| Manganese  | 55-2  | 11.59   | 11.77   | 11.59   | 11.65      | 0.93    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-02-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:30:01  | DataFile Name :   | 133SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.03     | 0.03     | 0.03       | 6.27    | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.04     | 0.05     | 0.05       | 17.99   | ppb   |
| Molybdenum | 96-1  | 0.04     | 0.05     | 0.05     | 0.05       | 10.37   | ppb   |
| Molybdenum | 97-1  | 0.06     | 0.05     | 0.06     | 0.06       | 4.83    | ppb   |
| Molybdenum | 98-1  | 0.05     | 0.05     | 0.06     | 0.05       | 7.78    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.32     | 0.28     | 0.35     | 0.32       | 11.55   | ppb   |
| Phosphorus | 31-2  | 633.94   | 598.83   | 590.16   | 607.64     | 3.82    | ppb   |
| Potassium  | 39-2  | 486.40   | 491.09   | 487.49   | 488.33     | 0.50    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | 0.24     | 0.24     | 0.07       | 414.22  | ppb   |
| Selenium   | 78-2  | 0.31     | -0.14    | 0.45     | 0.21       | 148.35  | ppb   |
| Selenium   | 82-1  | 0.05     | 0.09     | 0.12     | 0.09       | 42.49   | ppb   |
| Silicon    | 28-1  | 1012.67  | 1006.40  | 1003.03  | 1007.36    | 0.49    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 26.77   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 66.68   | ppb   |
| Sodium     | 23-2  | 10358.55 | 10254.79 | 10205.50 | 10272.95   | 0.76    | ppb   |
| Strontium  | 86-1  | 17.04    | 17.18    | 17.04    | 17.09      | 0.47    | ppb   |
| Strontium  | 88-1  | 17.39    | 17.19    | 17.45    | 17.34      | 0.78    | ppb   |
| Sulfur     | 34-1  | 665.17   | 632.13   | 656.83   | 651.38     | 2.64    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.01     | 0.01       | 12.85   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 7.87    | ppb   |
| Tin        | 118-1 | -0.04    | -0.04    | -0.03    | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.34     | 0.31     | 0.37     | 0.34       | 8.02    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.00     | 0.01       | 29.75   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.08     | 0.09     | 0.08       | 9.72    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 9.12     | 9.21     | 8.82     | 9.05       | 2.26    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 21.18   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-02-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:30:01  | DataFile Name :   | 133SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.04    | 0.02       | 75.71   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-03-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:33:26  | DataFile Name :   | 134SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 36.20   | 36.80   | 36.58   | 36.53      | 0.84    | ppb   |
| Antimony   | 121-1 | 0.16    | 0.16    | 0.17    | 0.16       | 4.06    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.25    | 0.26    | 0.26       | 4.35    | ppb   |
| Barium     | 135-1 | 14.96   | 14.88   | 15.05   | 14.96      | 0.55    | ppb   |
| Barium     | 137-1 | 14.90   | 14.96   | 14.96   | 14.94      | 0.26    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.44    | 4.23    | 4.13    | 4.27       | 3.66    | ppb   |
| Boron      | 11-1  | 4.19    | 4.49    | 4.33    | 4.34       | 3.50    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.07   | -0.01   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.25   | -1.04   | -0.13   | -0.47      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.04    | 0.09    | 0.06       | 44.20   | ppb   |
| Calcium    | 43-1  | 5115.33 | 5129.48 | 5078.28 | 5107.70    | 0.52    | ppb   |
| Calcium    | 44-1  | 5191.22 | 5195.78 | 5118.20 | 5168.40    | 0.84    | ppb   |
| Chromium   | 52-2  | 0.11    | 0.11    | 0.09    | 0.10       | 8.06    | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.03    | 0.03       | 8.22    | ppb   |
| Copper     | 63-2  | 135.95  | 137.68  | 137.37  | 137.00     | 0.67    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.34   | 21.92   | 21.44   | 21.57      | 1.43    | ppb   |
| Iron       | 57-2  | 26.61   | 27.65   | 25.94   | 26.73      | 3.24    | ppb   |
| Lead       | 206-1 | 0.36    | 0.37    | 0.35    | 0.36       | 2.21    | ppb   |
| Lead       | 207-1 | 0.34    | 0.33    | 0.31    | 0.32       | 5.25    | ppb   |
| Lead       | 208-1 | 0.34    | 0.34    | 0.34    | 0.34       | 1.57    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1110.58 | 1133.56 | 1116.98 | 1120.37    | 1.06    | ppb   |
| Manganese  | 55-2  | 11.04   | 11.25   | 11.08   | 11.12      | 0.99    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-03-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:33:26  | DataFile Name :   | 134SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03     | 0.02     | 0.02       | 21.22   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.01     | 0.01     | 0.01       | 31.86   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.02     | 0.02       | 11.66   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.04     | 0.02     | 0.03       | 22.21   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.01     | 0.02       | 23.93   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.81     | 0.84     | 0.79     | 0.81       | 3.18    | ppb   |
| Phosphorus | 31-2  | 508.63   | 541.79   | 533.93   | 528.11     | 3.28    | ppb   |
| Potassium  | 39-2  | 475.99   | 487.96   | 489.82   | 484.59     | 1.55    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.47     | -0.27    | 0.48     | 0.23       | 186.96  | ppb   |
| Selenium   | 78-2  | 0.03     | -0.15    | -0.12    | -0.08      |         | ppb   |
| Selenium   | 82-1  | 0.12     | 0.32     | 0.76     | 0.40       | 83.00   | ppb   |
| Silicon    | 28-1  | 1024.11  | 1027.62  | 1010.39  | 1020.71    | 0.89    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 59.56   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10105.03 | 10218.76 | 10256.84 | 10193.55   | 0.77    | ppb   |
| Strontium  | 86-1  | 16.83    | 17.20    | 16.77    | 16.93      | 1.38    | ppb   |
| Strontium  | 88-1  | 17.13    | 17.30    | 17.09    | 17.17      | 0.66    | ppb   |
| Sulfur     | 34-1  | 698.93   | 700.21   | 691.20   | 696.78     | 0.70    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02     | 0.01       | 19.09   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 16.97   | ppb   |
| Tin        | 118-1 | -0.03    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.28     | 0.29     | 0.34     | 0.30       | 10.48   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.00     | 0.01       | 5.63    | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05     | 0.06     | 0.05       | 13.61   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 226.26   | 227.28   | 224.29   | 225.94     | 0.67    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 4.28    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-03-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:33:26  | DataFile Name :   | 134SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.03    | 0.03       | 15.74   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-04-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:36:50  | DataFile Name :   | 135SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 116.98  | 114.08  | 114.57  | 115.21     | 1.35    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 3.33    | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.30    | 0.28    | 0.26       | 18.47   | ppb   |
| Barium     | 135-1 | 16.77   | 16.86   | 16.51   | 16.71      | 1.09    | ppb   |
| Barium     | 137-1 | 17.13   | 17.16   | 16.73   | 17.01      | 1.43    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.57    | 5.85    | 5.84    | 5.75       | 2.74    | ppb   |
| Boron      | 11-1  | 5.35    | 5.62    | 5.67    | 5.55       | 3.13    | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.05   | -0.03   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -1.15   | -0.77   | -0.43   | -0.78      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.01    | 0.08    | 0.03       | 128.28  | ppb   |
| Calcium    | 43-1  | 4737.05 | 4894.71 | 4897.59 | 4843.12    | 1.90    | ppb   |
| Calcium    | 44-1  | 4749.83 | 4930.08 | 4913.15 | 4864.35    | 2.05    | ppb   |
| Chromium   | 52-2  | 0.09    | 0.09    | 0.08    | 0.08       | 4.79    | ppb   |
| Cobalt     | 59-2  | 0.11    | 0.11    | 0.10    | 0.11       | 4.87    | ppb   |
| Copper     | 63-2  | 56.79   | 55.80   | 55.54   | 56.04      | 1.17    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 31.10   | 30.73   | 29.74   | 30.52      | 2.31    | ppb   |
| Iron       | 57-2  | 35.09   | 33.62   | 32.86   | 33.85      | 3.34    | ppb   |
| Lead       | 206-1 | 0.09    | 0.12    | 0.11    | 0.11       | 12.37   | ppb   |
| Lead       | 207-1 | 0.11    | 0.10    | 0.10    | 0.10       | 4.41    | ppb   |
| Lead       | 208-1 | 0.10    | 0.11    | 0.10    | 0.10       | 3.01    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1095.40 | 1078.33 | 1071.90 | 1081.88    | 1.12    | ppb   |
| Manganese  | 55-2  | 11.11   | 10.99   | 11.21   | 11.10      | 1.01    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-04-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:36:50  | DataFile Name :   | 135SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.02     | 0.02       | 32.76   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.02     | 0.02       | 14.94   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.02     | 0.02       | 4.23    | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02     | 0.02     | 0.02       | 8.00    | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.02     | 0.02       | 15.58   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.51     | 0.43     | 0.42     | 0.45       | 10.41   | ppb   |
| Phosphorus | 31-2  | 630.49   | 608.49   | 591.88   | 610.29     | 3.17    | ppb   |
| Potassium  | 39-2  | 486.95   | 485.52   | 479.38   | 483.95     | 0.83    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.01    | -0.27    | -0.27    | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.09     | 0.20     | 0.72     | 0.34       | 100.29  | ppb   |
| Selenium   | 82-1  | 0.23     | 1.01     | 0.02     | 0.42       | 124.36  | ppb   |
| Silicon    | 28-1  | 998.82   | 1023.14  | 1036.33  | 1019.43    | 1.87    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 17.19   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 58.29   | ppb   |
| Sodium     | 23-2  | 10324.91 | 10114.11 | 10174.99 | 10204.67   | 1.06    | ppb   |
| Strontium  | 86-1  | 17.12    | 17.75    | 17.09    | 17.32      | 2.16    | ppb   |
| Strontium  | 88-1  | 17.45    | 17.42    | 17.28    | 17.38      | 0.53    | ppb   |
| Sulfur     | 34-1  | 558.36   | 772.81   | 810.13   | 713.77     | 19.04   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 26.67   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 7.07    | ppb   |
| Tin        | 118-1 | 0.06     | 0.07     | 0.04     | 0.06       | 21.18   | ppb   |
| Titanium   | 47-1  | 0.35     | 0.30     | 0.32     | 0.32       | 8.26    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.01     | 0.01     | 0.01       | 12.08   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.07     | 0.08     | 0.07       | 9.15    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 12.69    | 12.41    | 12.11    | 12.40      | 2.36    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 9.45    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-04-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:36:50  | DataFile Name :   | 135SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.02    | 0.02       | 21.83   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV75               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV75               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:40:15 | DataFile Name :   | 136SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.27    | 2.94    | 3.12    | 2.78       | 16.01   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.00    | 0.00    | 0.00       | 57.32   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.01    | 0.00    | 0.01       | 57.93   | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | 68.77   | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.19    | 0.66    | 0.11    | 0.32       | 93.48   | ppb   |
| Boron      | 11-1  | 0.53    | 0.50    | 0.54    | 0.52       | 3.39    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.06   | 0.02    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.07   | -0.84   | 0.22    | -0.23      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.02    | 0.00    | 0.02       | 114.67  | ppb   |
| Calcium    | 43-1  | 1.84    | 2.31    | 3.01    | 2.39       | 24.58   | ppb   |
| Calcium    | 44-1  | 4.94    | 5.28    | 4.89    | 5.04       | 4.24    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.00    | -0.03   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.02    | 0.03    | 0.03       | 20.21   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.50    | 0.65    | 0.50    | 0.55       | 15.39   | ppb   |
| Iron       | 57-2  | 0.53    | 0.01    | 0.26    | 0.27       | 98.37   | ppb   |
| Lead       | 206-1 | 516.40  | 515.39  | 515.08  | 515.62     | 0.13    | ppb   |
| Lead       | 207-1 | 525.61  | 493.77  | 491.03  | 503.47     | 3.82    | ppb   |
| Lead       | 208-1 | 517.89  | 510.74  | 509.75  | 512.80     | 0.87    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.22    | 0.02    | 0.14    | 0.13       | 79.56   | ppb   |
| Manganese  | 55-2  | 0.01    | 0.01    | 0.01    | 0.01       | 1.15    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV75               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV75               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:40:15 | DataFile Name :   | 136SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | 2013.71 | ppb   |
| Molybdenum | 97-1  | 0.01    | -0.01   | 0.00    | 0.00       | 381.75  | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.00    | 0.00       | 323.46  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.03    | 0.03    | 0.03       | 6.60    | ppb   |
| Phosphorus | 31-2  | -10.45  | -3.60   | -11.06  | -8.37      |         | ppb   |
| Potassium  | 39-2  | 1.20    | 2.91    | 2.71    | 2.28       | 41.01   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | 0.26    | -0.09      |         | ppb   |
| Selenium   | 78-2  | -0.25   | 0.27    | -0.16   | -0.05      |         | ppb   |
| Selenium   | 82-1  | 0.43    | -0.04   | 0.50    | 0.30       | 97.53   | ppb   |
| Silicon    | 28-1  | -2.16   | -0.84   | -1.14   | -1.38      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 70.47   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 71.25   | ppb   |
| Sodium     | 23-2  | 21.28   | 23.33   | 22.95   | 22.52      | 4.86    | ppb   |
| Strontium  | 86-1  | 0.01    | 0.02    | 0.01    | 0.01       | 18.84   | ppb   |
| Strontium  | 88-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Sulfur     | 34-1  | -316.67 | -107.85 | -253.14 | -225.89    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.02    | 0.02       | 24.26   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.01    | 0.01       | 15.10   | ppb   |
| Tin        | 118-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.00    | -0.02   | -0.02   | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.00    | 0.00    | 0.00       | 65.70   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.19    | 0.20    | 0.18    | 0.19       | 4.09    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 119.62  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV75               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV75               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:40:15 | DataFile Name :   | 136SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB75               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB75               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:43:41 | DataFile Name :   | 137SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.48   | 0.04    | -0.36   | -0.27      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 99.49   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.00    | 0.00       | 58.80   | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | 327.19  | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.06    | 0.10    | -0.12   | 0.01       | 975.10  | ppb   |
| Boron      | 11-1  | 0.27    | 0.27    | 0.28    | 0.27       | 3.58    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.06   | -0.08   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.38   | -0.84   | -1.04   | -0.75      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Calcium    | 43-1  | -0.68   | 0.68    | -0.95   | -0.32      |         | ppb   |
| Calcium    | 44-1  | 3.68    | 2.67    | 2.93    | 3.09       | 16.95   | ppb   |
| Chromium   | 52-2  | -0.02   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.05    | 0.05    | 0.03    | 0.04       | 22.72   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.16    | 0.15    | 0.09    | 0.13       | 29.60   | ppb   |
| Iron       | 57-2  | 0.32    | 0.04    | -0.54   | -0.06      |         | ppb   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.04    | 0.04       | 4.79    | ppb   |
| Lead       | 207-1 | 0.04    | 0.03    | 0.02    | 0.03       | 21.16   | ppb   |
| Lead       | 208-1 | 0.04    | 0.03    | 0.03    | 0.03       | 11.27   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.06    | 0.01    | 0.17    | 0.08       | 99.26   | ppb   |
| Manganese  | 55-2  | 0.01    | 0.01    | 0.01    | 0.01       | 47.21   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB75               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB75               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:43:41 | DataFile Name :   | 137SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.00    | 0.01    | 0.00       | 8615.70 | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.05    | 0.05    | 0.05    | 0.05       | 1.09    | ppb   |
| Phosphorus | 31-2  | -13.54  | -9.16   | -11.94  | -11.55     |         | ppb   |
| Potassium  | 39-2  | 2.64    | 4.00    | -0.89   | 1.92       | 131.88  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | 0.26    | 0.26    | 0.09       | 348.99  | ppb   |
| Selenium   | 78-2  | 0.24    | 0.23    | 0.49    | 0.32       | 46.21   | ppb   |
| Selenium   | 82-1  | -0.21   | 0.21    | 0.26    | 0.09       | 298.21  | ppb   |
| Silicon    | 28-1  | -0.89   | -0.66   | -0.45   | -0.67      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 109.53  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 21.19   | 21.07   | 20.51   | 20.92      | 1.73    | ppb   |
| Strontium  | 86-1  | 0.04    | -0.01   | 0.04    | 0.02       | 120.83  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -369.23 | -310.72 | -305.76 | -328.57    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.01    | 0.00    | 0.01       | 59.81   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.00    | 0.01    | 0.01       | 19.24   | ppb   |
| Tin        | 118-1 | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Titanium   | 47-1  | -0.03   | 0.02    | -0.02   | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 202.48  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.04   | -0.05   | -0.08   | -0.05      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB75               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB75               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:43:41 | DataFile Name :   | 137SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | -0.01   | 0.00       | 644.80  | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-05-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:47:08  | DataFile Name :   | 138SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 33.74   | 33.62   | 34.67   | 34.01      | 1.69    | ppb   |
| Antimony   | 121-1 | 0.13    | 0.12    | 0.13    | 0.13       | 5.63    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.26    | 0.27    | 0.26       | 2.58    | ppb   |
| Barium     | 135-1 | 15.40   | 15.42   | 15.43   | 15.42      | 0.11    | ppb   |
| Barium     | 137-1 | 15.72   | 15.50   | 15.51   | 15.58      | 0.82    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.89    | 4.01    | 3.91    | 3.94       | 1.59    | ppb   |
| Boron      | 11-1  | 4.12    | 4.13    | 4.01    | 4.08       | 1.52    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.08   | -0.06   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.05   | -1.14   | -0.89   | -0.69      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.08    | -0.02   | 0.02       | 224.46  | ppb   |
| Calcium    | 43-1  | 5094.13 | 5207.84 | 4967.38 | 5089.79    | 2.36    | ppb   |
| Calcium    | 44-1  | 5194.78 | 5202.30 | 5078.34 | 5158.47    | 1.35    | ppb   |
| Chromium   | 52-2  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.02    | 0.03    | 0.03       | 11.43   | ppb   |
| Copper     | 63-2  | 155.93  | 157.14  | 156.82  | 156.63     | 0.40    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.25   | 22.32   | 23.26   | 22.28      | 4.52    | ppb   |
| Iron       | 57-2  | 27.30   | 26.18   | 27.23   | 26.91      | 2.33    | ppb   |
| Lead       | 206-1 | 0.20    | 0.18    | 0.18    | 0.19       | 6.07    | ppb   |
| Lead       | 207-1 | 0.18    | 0.17    | 0.18    | 0.18       | 2.41    | ppb   |
| Lead       | 208-1 | 0.18    | 0.18    | 0.18    | 0.18       | 0.96    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1118.40 | 1117.21 | 1138.54 | 1124.72    | 1.07    | ppb   |
| Manganese  | 55-2  | 10.55   | 10.62   | 10.77   | 10.65      | 1.09    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-05-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:47:08  | DataFile Name :   | 138SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.02     | 0.02       | 21.08   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.01     | 0.01       | 50.55   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.01     | 0.01       | 14.28   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02     | 0.03     | 0.02       | 39.27   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.03     | 0.02       | 2.16    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.92     | 0.92     | 0.90     | 0.91       | 1.18    | ppb   |
| Phosphorus | 31-2  | 607.16   | 642.76   | 608.20   | 619.37     | 3.27    | ppb   |
| Potassium  | 39-2  | 490.87   | 491.67   | 493.72   | 492.09     | 0.30    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | -0.02    | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.28    | 0.22     | 0.87     | 0.27       | 214.01  | ppb   |
| Selenium   | 82-1  | 0.57     | 0.68     | 0.32     | 0.53       | 34.71   | ppb   |
| Silicon    | 28-1  | 1037.47  | 1024.77  | 1024.12  | 1028.79    | 0.73    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 65.10   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10178.80 | 10206.58 | 10310.16 | 10231.85   | 0.68    | ppb   |
| Strontium  | 86-1  | 17.10    | 17.06    | 17.30    | 17.15      | 0.75    | ppb   |
| Strontium  | 88-1  | 17.36    | 17.17    | 17.27    | 17.26      | 0.54    | ppb   |
| Sulfur     | 34-1  | 653.17   | 768.22   | 551.50   | 657.63     | 16.49   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.01     | 0.02     | 0.01       | 52.55   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 12.77   | ppb   |
| Tin        | 118-1 | -0.02    | -0.01    | -0.02    | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.29     | 0.33     | 0.32     | 0.31       | 7.03    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.01     | 0.01     | 0.01       | 29.69   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06     | 0.05     | 0.06       | 12.18   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 53.69    | 53.34    | 53.43    | 53.49      | 0.35    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.02     | 0.02     | 0.02       | 16.45   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-05-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:47:08  | DataFile Name :   | 138SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.03    | 0.02       | 36.90   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-06-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:50:32  | DataFile Name :   | 139SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 88.96   | 89.33   | 85.86   | 88.05      | 2.17    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.05    | 0.05       | 12.74   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.25    | 0.27    | 0.26       | 4.66    | ppb   |
| Barium     | 135-1 | 16.46   | 17.25   | 16.28   | 16.66      | 3.11    | ppb   |
| Barium     | 137-1 | 16.72   | 17.70   | 16.31   | 16.91      | 4.22    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | 180.24  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.66    | 5.45    | 5.23    | 5.11       | 8.02    | ppb   |
| Boron      | 11-1  | 4.92    | 5.38    | 5.23    | 5.18       | 4.58    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.74   | -0.66   | -0.95   | -0.78      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.07    | 0.01    | 0.04       | 81.33   | ppb   |
| Calcium    | 43-1  | 4903.59 | 5175.61 | 4871.15 | 4983.45    | 3.36    | ppb   |
| Calcium    | 44-1  | 4893.96 | 5204.08 | 4925.60 | 5007.88    | 3.41    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.07    | 0.06    | 0.07    | 0.07       | 9.74    | ppb   |
| Copper     | 63-2  | 59.08   | 58.71   | 58.73   | 58.84      | 0.35    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 26.70   | 26.64   | 26.69   | 26.68      | 0.11    | ppb   |
| Iron       | 57-2  | 28.67   | 33.63   | 33.87   | 32.05      | 9.16    | ppb   |
| Lead       | 206-1 | 0.10    | 0.13    | 0.12    | 0.12       | 12.41   | ppb   |
| Lead       | 207-1 | 0.10    | 0.12    | 0.10    | 0.11       | 9.73    | ppb   |
| Lead       | 208-1 | 0.11    | 0.12    | 0.11    | 0.11       | 7.54    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1092.30 | 1097.41 | 1094.30 | 1094.67    | 0.24    | ppb   |
| Manganese  | 55-2  | 11.00   | 10.91   | 11.09   | 11.00      | 0.83    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-06-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:50:32  | DataFile Name :   | 139SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.01     | 0.02       | 32.81   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.03     | 0.02       | 32.10   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.02     | 0.02     | 0.02       | 28.70   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.04     | 0.03     | 0.03       | 32.08   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.03     | 0.03       | 1.97    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.34     | 0.34     | 0.33     | 0.33       | 1.07    | ppb   |
| Phosphorus | 31-2  | 581.98   | 624.20   | 616.51   | 607.56     | 3.70    | ppb   |
| Potassium  | 39-2  | 483.96   | 482.06   | 489.03   | 485.02     | 0.74    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.23     | 0.23     | -0.27    | 0.06       | 441.33  | ppb   |
| Selenium   | 78-2  | -0.41    | 0.12     | 0.01     | -0.09      |         | ppb   |
| Selenium   | 82-1  | 0.39     | 0.56     | 0.40     | 0.45       | 20.39   | ppb   |
| Silicon    | 28-1  | 1023.53  | 1075.51  | 1019.06  | 1039.37    | 3.02    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 81.36   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 122.97  | ppb   |
| Sodium     | 23-2  | 10205.54 | 10145.44 | 10022.96 | 10124.65   | 0.92    | ppb   |
| Strontium  | 86-1  | 17.09    | 18.42    | 17.11    | 17.54      | 4.36    | ppb   |
| Strontium  | 88-1  | 17.22    | 18.47    | 17.13    | 17.61      | 4.27    | ppb   |
| Sulfur     | 34-1  | 657.22   | 1087.09  | 710.98   | 818.43     | 28.62   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 13.93   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 4.12    | ppb   |
| Tin        | 118-1 | -0.01    | 0.04     | 0.01     | 0.01       | 178.19  | ppb   |
| Titanium   | 47-1  | 0.31     | 0.29     | 0.34     | 0.32       | 6.44    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 13.32   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.06     | 0.07     | 0.07       | 4.17    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 8.79     | 8.83     | 8.54     | 8.72       | 1.79    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 14.60   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-06-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:50:32  | DataFile Name :   | 139SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.04    | 0.04    | 0.03       | 56.24   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-07-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:53:57  | DataFile Name :   | 140SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 27.14   | 28.85   | 27.55   | 27.84      | 3.22    | ppb   |
| Antimony   | 121-1 | 0.13    | 0.13    | 0.12    | 0.13       | 3.57    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.31    | 0.21    | 0.25       | 20.77   | ppb   |
| Barium     | 135-1 | 15.07   | 14.89   | 15.02   | 15.00      | 0.62    | ppb   |
| Barium     | 137-1 | 14.78   | 14.66   | 14.78   | 14.74      | 0.49    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 49.49   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.80    | 4.27    | 3.68    | 3.92       | 7.91    | ppb   |
| Boron      | 11-1  | 4.08    | 4.45    | 4.63    | 4.39       | 6.40    | ppb   |
| Cadmium    | 111-1 | -0.01   | 0.01    | -0.03   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.07   | 0.14    | -0.36   | -0.10      |         | ppb   |
| Cadmium    | 108-1 | 0.12    | 0.09    | 0.12    | 0.11       | 15.15   | ppb   |
| Calcium    | 43-1  | 4959.81 | 4952.72 | 5139.43 | 5017.32    | 2.11    | ppb   |
| Calcium    | 44-1  | 5036.87 | 5035.34 | 5144.24 | 5072.15    | 1.23    | ppb   |
| Chromium   | 52-2  | 0.09    | 0.06    | 0.07    | 0.08       | 21.00   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 5.29    | ppb   |
| Copper     | 63-2  | 118.37  | 116.01  | 115.27  | 116.55     | 1.39    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 18.51   | 18.22   | 18.09   | 18.27      | 1.17    | ppb   |
| Iron       | 57-2  | 23.92   | 22.74   | 22.05   | 22.90      | 4.14    | ppb   |
| Lead       | 206-1 | 0.38    | 0.38    | 0.40    | 0.39       | 3.26    | ppb   |
| Lead       | 207-1 | 0.34    | 0.36    | 0.34    | 0.34       | 2.90    | ppb   |
| Lead       | 208-1 | 0.35    | 0.35    | 0.36    | 0.35       | 1.76    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1142.07 | 1119.24 | 1114.66 | 1125.32    | 1.30    | ppb   |
| Manganese  | 55-2  | 9.43    | 9.21    | 9.19    | 9.28       | 1.46    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-07-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:53:57  | DataFile Name :   | 140SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.02     | 0.02       | 20.97   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.04     | 0.02     | 0.02       | 55.00   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.02     | 0.02       | 13.74   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03     | 0.03     | 0.03       | 8.17    | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.03     | 0.03       | 25.07   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.97     | 0.98     | 0.99     | 0.98       | 1.08    | ppb   |
| Phosphorus | 31-2  | 587.68   | 581.54   | 567.17   | 578.80     | 1.82    | ppb   |
| Potassium  | 39-2  | 488.46   | 483.49   | 481.28   | 484.41     | 0.76    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.48     | -0.27    | -0.02    | 0.06       | 594.72  | ppb   |
| Selenium   | 78-2  | 0.12     | -0.01    | 0.24     | 0.12       | 103.61  | ppb   |
| Selenium   | 82-1  | 0.31     | 0.29     | 0.35     | 0.32       | 9.64    | ppb   |
| Silicon    | 28-1  | 1016.57  | 1015.14  | 1047.72  | 1026.48    | 1.79    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 91.29   | ppb   |
| Sodium     | 23-2  | 10392.74 | 10282.44 | 10099.33 | 10258.17   | 1.44    | ppb   |
| Strontium  | 86-1  | 17.27    | 16.94    | 17.53    | 17.25      | 1.70    | ppb   |
| Strontium  | 88-1  | 17.19    | 17.08    | 17.36    | 17.21      | 0.80    | ppb   |
| Sulfur     | 34-1  | 526.85   | 553.87   | 748.17   | 609.63     | 19.81   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02     | 0.01       | 13.94   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 10.70   | ppb   |
| Tin        | 118-1 | -0.03    | -0.03    | -0.04    | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.25     | 0.27     | 0.29     | 0.27       | 8.06    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.00     | 0.01       | 14.57   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06     | 0.05     | 0.06       | 7.08    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 250.15   | 245.52   | 246.36   | 247.35     | 1.00    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.01     | 0.02       | 28.13   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-07-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:53:57  | DataFile Name :   | 140SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.01    | 0.01       | 19.02   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-08 Instrumnet Name : P7  
 Client Sample ID : DC32515-08-FL2-BRC-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 23:57:21 DataFile Name : 141SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.61    | 6.46    | 5.56    | 5.87       | 8.60    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.06    | 0.07       | 10.38   | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.24    | 0.27    | 0.27       | 9.73    | ppb   |
| Barium     | 135-1 | 16.11   | 16.37   | 16.71   | 16.39      | 1.84    | ppb   |
| Barium     | 137-1 | 16.47   | 16.40   | 16.74   | 16.54      | 1.08    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 547.03  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.88    | 3.92    | 4.10    | 3.97       | 2.87    | ppb   |
| Boron      | 11-1  | 4.12    | 3.91    | 4.14    | 4.06       | 3.19    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.03   | -0.10   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | 0.11    | -0.41   | -1.38   | -0.56      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.05    | 0.01    | 0.03       | 79.73   | ppb   |
| Calcium    | 43-1  | 4902.92 | 4918.84 | 4960.21 | 4927.32    | 0.60    | ppb   |
| Calcium    | 44-1  | 4935.56 | 4983.53 | 4951.07 | 4956.72    | 0.49    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.06    | 0.04    | 0.05       | 20.46   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 25.02   | ppb   |
| Copper     | 63-2  | 130.28  | 132.35  | 132.65  | 131.76     | 0.98    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.70   | 22.14   | 21.98   | 21.94      | 1.02    | ppb   |
| Iron       | 57-2  | 26.82   | 28.97   | 27.87   | 27.89      | 3.85    | ppb   |
| Lead       | 206-1 | 0.10    | 0.10    | 0.10    | 0.10       | 1.86    | ppb   |
| Lead       | 207-1 | 0.08    | 0.09    | 0.10    | 0.09       | 6.60    | ppb   |
| Lead       | 208-1 | 0.09    | 0.09    | 0.09    | 0.09       | 1.78    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1094.30 | 1122.75 | 1123.82 | 1113.62    | 1.50    | ppb   |
| Manganese  | 55-2  | 11.00   | 10.98   | 11.02   | 11.00      | 0.20    | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-08 Instrumnet Name : P7  
 Client Sample ID : DC32515-08-FL2-BRC-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 23:57:21 DataFile Name : 141SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.02     | 0.02       | 12.28   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.01     | 0.00     | 0.01       | 59.29   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.02     | 0.01     | 0.01       | 11.07   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.00     | 0.02     | 0.02       | 91.94   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 6.93    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.24     | 0.23     | 0.23     | 0.23       | 2.15    | ppb   |
| Phosphorus | 31-2  | 621.51   | 632.18   | 612.35   | 622.02     | 1.60    | ppb   |
| Potassium  | 39-2  | 481.11   | 485.12   | 493.32   | 486.52     | 1.28    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.23     | -0.02    | -0.27    | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.12     | -0.25    | 0.73     | 0.20       | 249.19  | ppb   |
| Selenium   | 82-1  | 0.32     | 0.58     | -0.21    | 0.23       | 173.89  | ppb   |
| Silicon    | 28-1  | 996.38   | 1010.87  | 995.76   | 1001.01    | 0.85    | ppb   |
| Silver     | 109-1 | 0.01     | 0.00     | 0.00     | 0.00       | 31.65   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.00     | 0.00       | 107.96  | ppb   |
| Sodium     | 23-2  | 10128.99 | 10282.46 | 10249.18 | 10220.21   | 0.79    | ppb   |
| Strontium  | 86-1  | 16.73    | 16.85    | 17.09    | 16.89      | 1.06    | ppb   |
| Strontium  | 88-1  | 17.24    | 17.23    | 17.23    | 17.24      | 0.02    | ppb   |
| Sulfur     | 34-1  | 562.60   | 719.77   | 673.98   | 652.12     | 12.40   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02     | 0.01       | 46.07   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 24.91   | ppb   |
| Tin        | 118-1 | -0.06    | -0.07    | -0.07    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.26     | 0.27     | 0.31     | 0.28       | 9.52    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 0.80    | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06     | 0.07     | 0.06       | 19.32   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 7.47     | 8.11     | 7.78     | 7.78       | 4.10    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 17.34   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-08-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:57:21  | DataFile Name :   | 141SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.03    | 0.02       | 36.54   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-09 Instrumnet Name : P7  
 Client Sample ID : DC32515-09-FL2-BRC-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:00:45 DataFile Name : 142SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 34.11   | 34.83   | 34.08   | 34.34      | 1.24    | ppb   |
| Antimony   | 121-1 | 0.36    | 0.34    | 0.33    | 0.35       | 3.60    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.23    | 0.32    | 0.28       | 15.33   | ppb   |
| Barium     | 135-1 | 14.47   | 14.36   | 14.68   | 14.50      | 1.13    | ppb   |
| Barium     | 137-1 | 14.56   | 14.37   | 14.51   | 14.48      | 0.65    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | 462.62  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.21    | 4.03    | 4.35    | 3.86       | 15.28   | ppb   |
| Boron      | 11-1  | 4.18    | 4.17    | 4.17    | 4.17       | 0.14    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.44   | -0.51   | -0.33   | -0.43      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.08    | 0.10    | 0.09       | 16.63   | ppb   |
| Calcium    | 43-1  | 5293.34 | 5227.59 | 5229.99 | 5250.31    | 0.71    | ppb   |
| Calcium    | 44-1  | 5315.05 | 5268.66 | 5227.12 | 5270.28    | 0.83    | ppb   |
| Chromium   | 52-2  | -0.02   | 0.01    | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.03    | 0.03    | 0.03       | 7.41    | ppb   |
| Copper     | 63-2  | 124.21  | 125.29  | 123.69  | 124.39     | 0.66    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.17   | 21.19   | 20.96   | 21.11      | 0.60    | ppb   |
| Iron       | 57-2  | 26.80   | 25.32   | 24.09   | 25.40      | 5.35    | ppb   |
| Lead       | 206-1 | 0.23    | 0.23    | 0.22    | 0.23       | 4.37    | ppb   |
| Lead       | 207-1 | 0.21    | 0.22    | 0.21    | 0.21       | 1.20    | ppb   |
| Lead       | 208-1 | 0.22    | 0.22    | 0.22    | 0.22       | 1.28    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1116.14 | 1123.80 | 1104.11 | 1114.68    | 0.89    | ppb   |
| Manganese  | 55-2  | 10.20   | 10.41   | 10.18   | 10.26      | 1.23    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-09 Instrumnet Name : P7  
 Client Sample ID : DC32515-09-FL2-BRC-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:00:45 DataFile Name : 142SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.03     | 0.02       | 59.41   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.01     | 0.02       | 12.36   | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.01     | 0.01     | 0.01       | 53.91   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.03     | 0.01     | 0.02       | 48.63   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.01     | 0.02       | 16.54   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.83     | 0.87     | 0.85     | 0.85       | 2.27    | ppb   |
| Phosphorus | 31-2  | 513.29   | 589.78   | 529.80   | 544.29     | 7.40    | ppb   |
| Potassium  | 39-2  | 478.07   | 486.39   | 481.04   | 481.83     | 0.88    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.02    | -0.27    | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.26     | -0.36    | -0.28    | -0.13      |         | ppb   |
| Selenium   | 82-1  | 0.32     | 0.65     | 0.63     | 0.53       | 33.78   | ppb   |
| Silicon    | 28-1  | 1018.01  | 1009.76  | 1000.66  | 1009.48    | 0.86    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 45.09   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 62.04   | ppb   |
| Sodium     | 23-2  | 10215.13 | 10190.81 | 10125.34 | 10177.09   | 0.46    | ppb   |
| Strontium  | 86-1  | 16.80    | 16.86    | 16.73    | 16.80      | 0.38    | ppb   |
| Strontium  | 88-1  | 16.95    | 16.97    | 17.02    | 16.98      | 0.20    | ppb   |
| Sulfur     | 34-1  | 667.64   | 668.52   | 595.83   | 644.00     | 6.48    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 11.72   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.02     | 0.01       | 9.16    | ppb   |
| Tin        | 118-1 | 0.04     | 0.05     | 0.05     | 0.05       | 9.53    | ppb   |
| Titanium   | 47-1  | 0.36     | 0.30     | 0.30     | 0.32       | 11.04   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.00     | 0.01       | 21.65   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.05     | 0.05     | 0.06       | 16.18   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 237.90   | 240.02   | 235.59   | 237.84     | 0.93    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.02     | 0.01       | 12.31   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-09-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:00:45  | DataFile Name :   | 142SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.02    | 0.02       | 24.72   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-10 Instrumnet Name : P7  
 Client Sample ID : DC32515-10-FL2-BRC-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:04:10 DataFile Name : 143SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.28    | 6.01    | 6.50    | 5.60       | 20.85   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.08    | 0.07    | 0.07       | 8.18    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.28    | 0.28    | 0.28       | 0.40    | ppb   |
| Barium     | 135-1 | 16.50   | 16.28   | 16.50   | 16.43      | 0.79    | ppb   |
| Barium     | 137-1 | 16.79   | 16.64   | 16.71   | 16.71      | 0.44    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.00    | 0.00       | 23.03   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.61    | 3.29    | 3.81    | 3.57       | 7.41    | ppb   |
| Boron      | 11-1  | 4.01    | 4.11    | 4.45    | 4.19       | 5.50    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.01   | -0.02   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.82   | -0.23   | -0.41   | -0.49      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.01    | 0.02    | 0.01       | 63.93   | ppb   |
| Calcium    | 43-1  | 4893.04 | 4925.27 | 4873.72 | 4897.34    | 0.53    | ppb   |
| Calcium    | 44-1  | 4896.84 | 4954.15 | 4872.00 | 4907.66    | 0.86    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.01    | 0.03    | 0.02       | 41.37   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.00    | 0.01       | 62.98   | ppb   |
| Copper     | 63-2  | 137.97  | 137.79  | 136.13  | 137.30     | 0.74    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 20.44   | 19.98   | 19.83   | 20.08      | 1.59    | ppb   |
| Iron       | 57-2  | 24.37   | 27.17   | 25.57   | 25.71      | 5.47    | ppb   |
| Lead       | 206-1 | 0.11    | 0.10    | 0.10    | 0.10       | 4.67    | ppb   |
| Lead       | 207-1 | 0.10    | 0.10    | 0.11    | 0.10       | 6.32    | ppb   |
| Lead       | 208-1 | 0.10    | 0.10    | 0.10    | 0.10       | 3.18    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1106.25 | 1118.26 | 1101.66 | 1108.72    | 0.77    | ppb   |
| Manganese  | 55-2  | 10.14   | 10.20   | 10.01   | 10.12      | 0.96    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-10-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:04:10  | DataFile Name :   | 143SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.02     | 0.02       | 34.71   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.02     | 0.02       | 8.74    | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.02     | 0.02       | 17.65   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.03     | 0.05     | 0.03       | 47.99   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 10.91   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.21     | 0.16     | 0.21     | 0.19       | 13.31   | ppb   |
| Phosphorus | 31-2  | 594.93   | 602.93   | 592.32   | 596.72     | 0.93    | ppb   |
| Potassium  | 39-2  | 487.14   | 478.87   | 479.56   | 481.85     | 0.95    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.24     | 0.49     | -0.27    | 0.16       | 249.07  | ppb   |
| Selenium   | 78-2  | 0.06     | 0.42     | 0.10     | 0.20       | 101.18  | ppb   |
| Selenium   | 82-1  | 0.69     | 0.40     | -0.13    | 0.32       | 129.79  | ppb   |
| Silicon    | 28-1  | 1083.69  | 979.50   | 981.34   | 1014.85    | 5.88    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 17.10   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 108.19  | ppb   |
| Sodium     | 23-2  | 10221.30 | 10251.71 | 10081.47 | 10184.83   | 0.89    | ppb   |
| Strontium  | 86-1  | 17.36    | 16.85    | 17.11    | 17.11      | 1.47    | ppb   |
| Strontium  | 88-1  | 17.39    | 17.21    | 17.22    | 17.27      | 0.61    | ppb   |
| Sulfur     | 34-1  | 648.94   | 765.76   | 567.01   | 660.57     | 15.12   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.01     | 0.01       | 7.89    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 3.76    | ppb   |
| Tin        | 118-1 | -0.07    | -0.06    | -0.08    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.23     | 0.25     | 0.28     | 0.25       | 9.38    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.01     | 0.00       | 19.73   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06     | 0.05     | 0.06       | 8.79    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 9.36     | 9.59     | 9.27     | 9.41       | 1.73    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02     | 0.02     | 0.02       | 11.14   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-10-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:04:10  | DataFile Name :   | 143SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.02    | 0.02       | 18.73   | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-11 Instrumnet Name : P7  
 Client Sample ID : DC32515-11-FL2-BRC-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:07:35 DataFile Name : 144SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 35.98   | 35.06   | 35.57   | 35.53      | 1.29    | ppb   |
| Antimony   | 121-1 | 0.09    | 0.08    | 0.08    | 0.08       | 4.64    | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.27    | 0.28    | 0.25       | 16.10   | ppb   |
| Barium     | 135-1 | 14.89   | 14.76   | 14.45   | 14.70      | 1.55    | ppb   |
| Barium     | 137-1 | 14.89   | 14.33   | 14.73   | 14.65      | 1.99    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.82    | 8.05    | 8.61    | 8.16       | 5.02    | ppb   |
| Boron      | 11-1  | 8.27    | 8.33    | 8.37    | 8.32       | 0.63    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.03   | -0.08   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.90   | -0.59   | -1.23   | -0.91      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.08    | 0.08    | 0.09       | 18.76   | ppb   |
| Calcium    | 43-1  | 5002.08 | 5074.90 | 5028.36 | 5035.12    | 0.73    | ppb   |
| Calcium    | 44-1  | 4980.77 | 5046.65 | 4999.30 | 5008.91    | 0.68    | ppb   |
| Chromium   | 52-2  | 0.67    | 0.67    | 0.68    | 0.67       | 0.94    | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.04    | 0.04       | 10.42   | ppb   |
| Copper     | 63-2  | 155.14  | 155.65  | 155.05  | 155.28     | 0.21    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.38   | 22.00   | 22.20   | 22.53      | 3.32    | ppb   |
| Iron       | 57-2  | 27.69   | 26.65   | 27.21   | 27.18      | 1.91    | ppb   |
| Lead       | 206-1 | 0.45    | 0.48    | 0.45    | 0.46       | 3.73    | ppb   |
| Lead       | 207-1 | 0.43    | 0.44    | 0.41    | 0.43       | 3.02    | ppb   |
| Lead       | 208-1 | 0.43    | 0.45    | 0.43    | 0.44       | 2.55    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1131.45 | 1136.19 | 1117.38 | 1128.34    | 0.87    | ppb   |
| Manganese  | 55-2  | 11.67   | 11.51   | 11.40   | 11.52      | 1.20    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-11 Instrumnet Name : P7  
 Client Sample ID : DC32515-11-FL2-BRC-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:07:35 DataFile Name : 144SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.02     | 0.02       | 6.86    | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.01     | 0.01     | 0.02       | 53.31   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.01     | 0.01     | 0.01       | 25.13   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.02     | 0.03     | 0.02       | 25.32   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.03     | 0.03       | 2.01    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.15     | 2.12     | 2.07     | 2.11       | 1.98    | ppb   |
| Phosphorus | 31-2  | 571.54   | 538.67   | 577.63   | 562.61     | 3.73    | ppb   |
| Potassium  | 39-2  | 503.61   | 505.33   | 500.70   | 503.21     | 0.47    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.02    | -0.02    | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.08     | -0.31    | 0.14     | -0.03      |         | ppb   |
| Selenium   | 82-1  | 0.21     | 0.09     | 0.75     | 0.35       | 101.41  | ppb   |
| Silicon    | 28-1  | 1060.72  | 1045.61  | 1039.38  | 1048.57    | 1.05    | ppb   |
| Silver     | 109-1 | 0.00     | 0.01     | 0.00     | 0.00       | 63.16   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.00     | 0.00       | 238.06  | ppb   |
| Sodium     | 23-2  | 10284.71 | 10322.77 | 10334.07 | 10313.85   | 0.25    | ppb   |
| Strontium  | 86-1  | 16.65    | 17.16    | 16.86    | 16.89      | 1.53    | ppb   |
| Strontium  | 88-1  | 16.98    | 17.18    | 16.95    | 17.04      | 0.72    | ppb   |
| Sulfur     | 34-1  | 563.07   | 617.38   | 589.78   | 590.08     | 4.60    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 7.31    | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 11.50   | ppb   |
| Tin        | 118-1 | -0.01    | 0.00     | -0.02    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.27     | 0.27     | 0.29     | 0.28       | 4.39    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 37.67   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06     | 0.06     | 0.06       | 7.44    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 196.92   | 200.02   | 196.86   | 197.93     | 0.91    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 2.60    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-11-FL2-BRC-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:07:35  | DataFile Name :   | 144SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.03    | 0.03       | 7.90    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-12 Instrumnet Name : P7  
 Client Sample ID : DC32515-12-FL2-BRC-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:10:59 DataFile Name : 145SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 46.76   | 45.01   | 45.30   | 45.69      | 2.05    | ppb   |
| Antimony   | 121-1 | 0.08    | 0.06    | 0.08    | 0.07       | 10.52   | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.28    | 0.30    | 0.29       | 4.21    | ppb   |
| Barium     | 135-1 | 16.45   | 16.69   | 16.74   | 16.63      | 0.93    | ppb   |
| Barium     | 137-1 | 16.46   | 16.59   | 16.48   | 16.51      | 0.41    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.81    | 3.70    | 4.20    | 4.24       | 13.14   | ppb   |
| Boron      | 11-1  | 4.10    | 3.84    | 4.44    | 4.13       | 7.33    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.01   | -0.08   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.01   | -0.22   | -1.16   | -0.46      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.01    | 0.04    | 0.02       | 93.36   | ppb   |
| Calcium    | 43-1  | 4741.20 | 4832.51 | 4828.47 | 4800.72    | 1.07    | ppb   |
| Calcium    | 44-1  | 4911.72 | 4947.21 | 4869.44 | 4909.46    | 0.79    | ppb   |
| Chromium   | 52-2  | 0.13    | 0.09    | 0.13    | 0.12       | 18.35   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 19.80   | ppb   |
| Copper     | 63-2  | 139.08  | 138.08  | 140.25  | 139.14     | 0.78    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 20.69   | 19.88   | 20.11   | 20.23      | 2.06    | ppb   |
| Iron       | 57-2  | 25.57   | 25.27   | 27.18   | 26.01      | 3.96    | ppb   |
| Lead       | 206-1 | 0.09    | 0.09    | 0.08    | 0.09       | 8.95    | ppb   |
| Lead       | 207-1 | 0.09    | 0.09    | 0.08    | 0.09       | 11.97   | ppb   |
| Lead       | 208-1 | 0.09    | 0.09    | 0.08    | 0.09       | 4.77    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1113.60 | 1110.29 | 1113.33 | 1112.41    | 0.17    | ppb   |
| Manganese  | 55-2  | 10.12   | 9.91    | 10.15   | 10.06      | 1.30    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-12-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:10:59  | DataFile Name :   | 145SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.01     | 0.02     | 0.01       | 19.59   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.01     | 0.01     | 0.01       | 32.65   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.01     | 0.02       | 8.09    | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.01     | 0.03     | 0.02       | 57.01   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.03     | 0.03       | 12.92   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.20     | 0.17     | 0.15     | 0.18       | 14.12   | ppb   |
| Phosphorus | 31-2  | 629.97   | 618.41   | 622.10   | 623.49     | 0.95    | ppb   |
| Potassium  | 39-2  | 482.78   | 483.80   | 489.84   | 485.47     | 0.79    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.01    | -0.27    | -0.27    | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.15     | -0.47    | 0.19     | -0.04      |         | ppb   |
| Selenium   | 82-1  | 1.01     | 0.16     | 0.53     | 0.57       | 74.70   | ppb   |
| Silicon    | 28-1  | 983.36   | 1001.22  | 966.04   | 983.54     | 1.79    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 96.16   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 28.90   | ppb   |
| Sodium     | 23-2  | 10274.10 | 10186.71 | 10307.45 | 10256.09   | 0.61    | ppb   |
| Strontium  | 86-1  | 16.94    | 17.53    | 17.06    | 17.18      | 1.82    | ppb   |
| Strontium  | 88-1  | 17.28    | 17.38    | 17.25    | 17.30      | 0.41    | ppb   |
| Sulfur     | 34-1  | 310.02   | 479.30   | 338.26   | 375.86     | 24.13   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 18.87   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.00     | 0.01       | 26.68   | ppb   |
| Tin        | 118-1 | -0.07    | -0.07    | -0.08    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.23     | 0.31     | 0.29     | 0.28       | 14.83   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00     | 0.00     | 0.00       | 8.14    | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05     | 0.06     | 0.06       | 12.56   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 5.71     | 5.84     | 5.99     | 5.84       | 2.38    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02     | 0.02     | 0.02       | 18.37   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-12-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:10:59  | DataFile Name :   | 145SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.01    | 0.01       | 38.70   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-13 Instrumnet Name : P7  
 Client Sample ID : DC32515-13-FL2-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:14:24 DataFile Name : 146SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.35    | 6.33    | 4.74    | 5.47       | 14.62   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.08    | 0.10    | 0.09       | 12.11   | ppb   |
| Arsenic    | 75-2  | 0.33    | 0.28    | 0.30    | 0.30       | 8.27    | ppb   |
| Barium     | 135-1 | 16.40   | 15.95   | 16.68   | 16.34      | 2.26    | ppb   |
| Barium     | 137-1 | 16.60   | 16.30   | 17.05   | 16.65      | 2.28    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.01    | 0.00       | 90.14   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.07    | 4.09    | 4.26    | 4.14       | 2.58    | ppb   |
| Boron      | 11-1  | 4.28    | 4.15    | 4.40    | 4.28       | 2.87    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.10   | -0.04   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.08   | -1.32   | -0.57   | -0.66      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.04    | 0.02    | 0.01       | 224.00  | ppb   |
| Calcium    | 43-1  | 4969.83 | 5030.05 | 5018.53 | 5006.14    | 0.64    | ppb   |
| Calcium    | 44-1  | 5019.60 | 5045.56 | 5070.45 | 5045.20    | 0.50    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.01    | 0.02    | 0.02       | 54.58   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 7.08    | ppb   |
| Copper     | 63-2  | 229.35  | 228.05  | 230.08  | 229.16     | 0.45    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.45   | 20.71   | 20.58   | 20.92      | 2.24    | ppb   |
| Iron       | 57-2  | 25.95   | 27.41   | 25.85   | 26.40      | 3.32    | ppb   |
| Lead       | 206-1 | 0.42    | 0.43    | 0.43    | 0.42       | 1.38    | ppb   |
| Lead       | 207-1 | 0.37    | 0.41    | 0.39    | 0.39       | 5.74    | ppb   |
| Lead       | 208-1 | 0.40    | 0.42    | 0.40    | 0.41       | 2.10    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1128.11 | 1114.89 | 1121.63 | 1121.54    | 0.59    | ppb   |
| Manganese  | 55-2  | 9.34    | 9.17    | 9.43    | 9.31       | 1.43    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-13-FL2-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:14:24  | DataFile Name :   | 146SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.01     | 0.01       | 21.74   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.02     | 0.02       | 17.72   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.03     | 0.02       | 32.36   | ppb   |
| Molybdenum | 97-1  | 0.05     | 0.05     | 0.02     | 0.04       | 48.64   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.02     | 0.03       | 21.79   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.19     | 1.23     | 1.09     | 1.17       | 5.81    | ppb   |
| Phosphorus | 31-2  | 639.93   | 653.95   | 646.94   | 646.94     | 1.08    | ppb   |
| Potassium  | 39-2  | 502.02   | 493.90   | 501.74   | 499.22     | 0.92    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.24     | -0.27    | -0.01    | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.29    | -0.22    | -0.13    | -0.21      |         | ppb   |
| Selenium   | 82-1  | 0.50     | 0.40     | 0.30     | 0.40       | 25.09   | ppb   |
| Silicon    | 28-1  | 994.32   | 995.34   | 1014.75  | 1001.47    | 1.15    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 49.24   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 51.14   | ppb   |
| Sodium     | 23-2  | 10408.26 | 10280.49 | 10172.03 | 10286.93   | 1.15    | ppb   |
| Strontium  | 86-1  | 16.93    | 16.96    | 17.08    | 16.99      | 0.47    | ppb   |
| Strontium  | 88-1  | 17.45    | 17.38    | 17.39    | 17.41      | 0.22    | ppb   |
| Sulfur     | 34-1  | 616.81   | 647.37   | 739.83   | 668.00     | 9.59    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.01     | 0.01       | 39.39   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 21.62   | ppb   |
| Tin        | 118-1 | -0.03    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.30     | 0.29     | 0.27     | 0.29       | 6.90    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 43.51   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05     | 0.05     | 0.05       | 9.90    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 20.65    | 20.57    | 20.33    | 20.52      | 0.81    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.02     | 0.01       | 14.83   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-13-FL2-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:14:24  | DataFile Name :   | 146SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.01    | 0.01       | 33.52   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-14 Instrumnet Name : P7  
 Client Sample ID : DC32515-14-FL2-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:17:49 DataFile Name : 147SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.09    | 6.47    | 7.16    | 6.57       | 8.21    | ppb   |
| Antimony   | 121-1 | 0.08    | 0.08    | 0.08    | 0.08       | 3.72    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.29    | 0.25    | 0.26       | 7.54    | ppb   |
| Barium     | 135-1 | 16.77   | 16.35   | 16.44   | 16.52      | 1.35    | ppb   |
| Barium     | 137-1 | 16.36   | 16.39   | 16.82   | 16.52      | 1.56    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 723.45  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.61    | 4.43    | 4.08    | 4.37       | 6.09    | ppb   |
| Boron      | 11-1  | 4.24    | 4.04    | 4.35    | 4.21       | 3.76    | ppb   |
| Cadmium    | 111-1 | -0.06   | 0.00    | 0.00    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.84   | 0.02    | 0.01    | -0.27      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.01    | 0.02    | 0.01       | 63.27   | ppb   |
| Calcium    | 43-1  | 5122.79 | 4962.51 | 4994.34 | 5026.55    | 1.69    | ppb   |
| Calcium    | 44-1  | 5096.54 | 5065.18 | 5056.26 | 5072.66    | 0.42    | ppb   |
| Chromium   | 52-2  | 0.06    | 0.09    | 0.08    | 0.08       | 18.94   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 37.73   | ppb   |
| Copper     | 63-2  | 192.66  | 196.74  | 194.67  | 194.69     | 1.05    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 19.95   | 20.17   | 20.32   | 20.15      | 0.93    | ppb   |
| Iron       | 57-2  | 23.87   | 23.81   | 24.62   | 24.10      | 1.88    | ppb   |
| Lead       | 206-1 | 0.17    | 0.18    | 0.19    | 0.18       | 4.43    | ppb   |
| Lead       | 207-1 | 0.16    | 0.17    | 0.17    | 0.17       | 2.15    | ppb   |
| Lead       | 208-1 | 0.16    | 0.17    | 0.17    | 0.17       | 2.50    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1085.74 | 1115.87 | 1101.32 | 1100.98    | 1.37    | ppb   |
| Manganese  | 55-2  | 9.92    | 10.02   | 10.01   | 9.99       | 0.55    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-14 Instrumnet Name : P7  
 Client Sample ID : DC32515-14-FL2-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:17:49 DataFile Name : 147SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02     | 0.02     | 0.02       | 10.99   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02     | 0.03     | 0.03       | 20.67   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.03     | 0.02     | 0.02       | 20.47   | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.05     | 0.02     | 0.04       | 47.33   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.03     | 0.03     | 0.03       | 12.26   | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.48    | 0.45     | 0.41     | 0.45       | 7.66    | ppb   |
| Phosphorus | 31-2  | 647.08  | 625.78   | 681.18   | 651.35     | 4.29    | ppb   |
| Potassium  | 39-2  | 478.81  | 483.55   | 481.85   | 481.40     | 0.50    | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | 0.49    | 0.24     | -0.01    | 0.24       | 105.60  | ppb   |
| Selenium   | 78-2  | -0.05   | 0.44     | 0.58     | 0.32       | 102.27  | ppb   |
| Selenium   | 82-1  | 0.09    | 0.34     | 0.38     | 0.27       | 56.86   | ppb   |
| Silicon    | 28-1  | 998.26  | 975.65   | 982.00   | 985.30     | 1.18    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00     | 0.00     | 0.00       | 46.95   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00     | 0.00     | 0.00       | 31.71   | ppb   |
| Sodium     | 23-2  | 9985.94 | 10134.96 | 10289.49 | 10136.80   | 1.50    | ppb   |
| Strontium  | 86-1  | 17.14   | 17.41    | 17.11    | 17.22      | 0.98    | ppb   |
| Strontium  | 88-1  | 17.65   | 17.46    | 17.68    | 17.60      | 0.67    | ppb   |
| Sulfur     | 34-1  | 813.56  | 751.72   | 823.61   | 796.30     | 4.89    | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01     | 0.01     | 0.01       | 8.82    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02     | 0.01     | 0.01       | 19.56   | ppb   |
| Tin        | 118-1 | -0.07   | -0.07    | -0.06    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.35    | 0.30     | 0.36     | 0.34       | 10.13   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01     | 0.00     | 0.00       | 36.58   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06     | 0.04     | 0.05       | 15.67   | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 9.04    | 9.08     | 9.23     | 9.11       | 1.10    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02     | 0.02     | 0.02       | 11.09   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-14-FL2-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:17:49  | DataFile Name :   | 147SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.03    | 0.02       | 54.17   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV76               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV76               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:21:14 | DataFile Name :   | 148SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.41    | 3.41    | 3.78    | 3.53       | 5.98    | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 9.03    | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.02    | 0.01    | 0.01       | 49.79   | ppb   |
| Barium     | 135-1 | 0.00    | 0.01    | 0.00    | 0.00       | 121.43  | ppb   |
| Barium     | 137-1 | 0.00    | 0.01    | 0.02    | 0.01       | 131.14  | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.50    | 0.64    | 0.26    | 0.47       | 40.95   | ppb   |
| Boron      | 11-1  | 0.47    | 0.48    | 0.57    | 0.51       | 10.89   | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.06   | 0.02    | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.58   | -0.89   | 0.27    | -0.40      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.03    | 0.00    | 0.02       | 111.82  | ppb   |
| Calcium    | 43-1  | 5.88    | 5.13    | 2.18    | 4.40       | 44.50   | ppb   |
| Calcium    | 44-1  | 7.49    | 8.03    | 8.17    | 7.89       | 4.54    | ppb   |
| Chromium   | 52-2  | 0.02    | -0.02   | -0.02   | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.07    | 0.05    | 0.05       | 43.91   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.60    | 0.61    | 0.57    | 0.59       | 4.09    | ppb   |
| Iron       | 57-2  | 0.39    | -0.09   | 0.97    | 0.42       | 124.59  | ppb   |
| Lead       | 206-1 | 514.60  | 523.58  | 515.28  | 517.82     | 0.97    | ppb   |
| Lead       | 207-1 | 490.99  | 495.34  | 486.10  | 490.81     | 0.94    | ppb   |
| Lead       | 208-1 | 508.20  | 513.94  | 507.76  | 509.96     | 0.68    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.09   | 0.35    | 0.26    | 0.17       | 131.41  | ppb   |
| Manganese  | 55-2  | 0.01    | 0.01    | 0.01    | 0.01       | 25.90   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV76               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV76               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:21:14 | DataFile Name :   | 148SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | 822.16  | ppb   |
| Molybdenum | 95-1  | 0.01    | -0.01   | 0.00    | 0.00       | 597.12  | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.01    | 0.01       | 134.03  | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.00    | 0.01       | 64.63   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.01    | 0.02    | 0.01       | 35.37   | ppb   |
| Phosphorus | 31-2  | -15.93  | -7.35   | -11.31  | -11.53     |         | ppb   |
| Potassium  | 39-2  | 9.16    | 3.23    | 6.75    | 6.38       | 46.77   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | 0.26    | -0.27   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.39    | -0.32   | 0.06    | 0.04       | 846.56  | ppb   |
| Selenium   | 82-1  | 0.35    | 0.23    | 0.01    | 0.20       | 86.61   | ppb   |
| Silicon    | 28-1  | -1.05   | -1.03   | 0.67    | -0.47      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 83.45   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 72.84   | ppb   |
| Sodium     | 23-2  | 22.40   | 21.52   | 22.29   | 22.07      | 2.19    | ppb   |
| Strontium  | 86-1  | 0.05    | 0.08    | 0.09    | 0.07       | 26.73   | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -118.96 | -97.79  | -90.29  | -102.35    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.01    | 0.02       | 32.72   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.02    | 0.02       | 7.51    | ppb   |
| Tin        | 118-1 | -0.03   | -0.05   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.03    | 0.01    | -0.01   | 0.01       | 183.53  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 116.72  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.21    | 0.21    | 0.20    | 0.21       | 4.50    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 188.28  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV76               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV76               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:21:14 | DataFile Name :   | 148SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.00    | 0.00       | 325.92  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB76               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB76               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:24:40 | DataFile Name :   | 149SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.29   | 0.03    | -0.61   | -0.29      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 167.80  | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Barium     | 135-1 | -0.02   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.42    | 0.22    | 0.24    | 0.29       | 38.32   | ppb   |
| Boron      | 11-1  | 0.29    | 0.25    | 0.28    | 0.27       | 7.31    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.60   | -0.56   | -0.21   | -0.45      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.02   | 0.01    | 0.00       |         | ppb   |
| Calcium    | 43-1  | -0.85   | 0.27    | -1.14   | -0.57      |         | ppb   |
| Calcium    | 44-1  | 3.84    | 3.36    | 2.56    | 3.25       | 19.87   | ppb   |
| Chromium   | 52-2  | 0.01    | -0.01   | 0.01    | 0.00       | 1440.78 | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.03    | 0.01    | 0.02       | 49.03   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.27    | 0.29    | 0.30    | 0.29       | 6.50    | ppb   |
| Iron       | 57-2  | 0.92    | 0.26    | 0.42    | 0.54       | 64.59   | ppb   |
| Lead       | 206-1 | 0.05    | 0.05    | 0.05    | 0.05       | 5.33    | ppb   |
| Lead       | 207-1 | 0.05    | 0.05    | 0.04    | 0.05       | 17.35   | ppb   |
| Lead       | 208-1 | 0.04    | 0.05    | 0.04    | 0.04       | 2.45    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.02   | 0.16    | -0.06   | 0.03       | 444.08  | ppb   |
| Manganese  | 55-2  | 0.01    | 0.01    | 0.00    | 0.01       | 46.76   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB76               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB76               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:24:40 | DataFile Name :   | 149SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.02    | 0.01    | 0.01       | 59.30   | ppb   |
| Phosphorus | 31-2  | -9.61   | -8.13   | -15.76  | -11.17     |         | ppb   |
| Potassium  | 39-2  | 3.75    | 1.01    | 1.90    | 2.22       | 63.06   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.01   | -0.27   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.61    | 0.25    | 0.59    | 0.48       | 42.11   | ppb   |
| Selenium   | 82-1  | 0.54    | -0.04   | 0.09    | 0.20       | 153.02  | ppb   |
| Silicon    | 28-1  | -1.65   | -2.37   | -3.06   | -2.36      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 119.52  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 82.99   | ppb   |
| Sodium     | 23-2  | 20.67   | 20.07   | 19.48   | 20.07      | 2.95    | ppb   |
| Strontium  | 86-1  | -0.04   | 0.00    | 0.05    | 0.00       | 1098.66 | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 266.58  | ppb   |
| Sulfur     | 34-1  | -105.30 | -113.97 | -270.04 | -163.10    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 20.82   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 15.50   | ppb   |
| Tin        | 118-1 | 0.52    | -0.03   | -0.02   | 0.16       | 196.72  | ppb   |
| Titanium   | 47-1  | 0.00    | -0.05   | 0.00    | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 123.64  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.05   | -0.07   | -0.07   | -0.06      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB76               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB76               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:24:40 | DataFile Name :   | 149SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.00    | 0.00       | 274.66  | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-15-FL2-CS-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:28:06  | DataFile Name :   | 150SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.22    | 6.15    | 6.20    | 6.52       | 9.25    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.03    | 0.03       | 9.52    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.17    | 0.19    | 0.19       | 13.17   | ppb   |
| Barium     | 135-1 | 0.15    | 0.14    | 0.17    | 0.15       | 9.29    | ppb   |
| Barium     | 137-1 | 0.14    | 0.16    | 0.13    | 0.14       | 8.64    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 227.49  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 24.35   | 24.84   | 26.09   | 25.09      | 3.58    | ppb   |
| Boron      | 11-1  | 24.66   | 25.47   | 26.33   | 25.49      | 3.29    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.04   | 0.01    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.31   | -0.48   | 0.11    | -0.23      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.08    | 0.01    | 0.04       | 104.59  | ppb   |
| Calcium    | 43-1  | 4728.55 | 4825.32 | 4789.01 | 4780.96    | 1.02    | ppb   |
| Calcium    | 44-1  | 4741.05 | 4876.62 | 4815.17 | 4810.95    | 1.41    | ppb   |
| Chromium   | 52-2  | 0.29    | 0.28    | 0.32    | 0.30       | 6.41    | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.91    | 0.89    | 0.93    | 0.91       | 1.91    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 8.86    | 8.65    | 8.73    | 8.75       | 1.20    | ppb   |
| Iron       | 57-2  | 11.50   | 12.95   | 13.67   | 12.70      | 8.69    | ppb   |
| Lead       | 206-1 | 0.07    | 0.06    | 0.05    | 0.06       | 14.60   | ppb   |
| Lead       | 207-1 | 0.06    | 0.05    | 0.08    | 0.06       | 20.56   | ppb   |
| Lead       | 208-1 | 0.07    | 0.06    | 0.06    | 0.06       | 6.83    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1182.06 | 1174.01 | 1164.37 | 1173.48    | 0.75    | ppb   |
| Manganese  | 55-2  | 0.96    | 1.00    | 1.01    | 0.99       | 2.38    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-15 Instrumnet Name : P7  
 Client Sample ID : DC32515-15-FL2-CS-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:28:06 DataFile Name : 150SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD  | Units |
|------------|-------|----------|----------|----------|------------|----------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.02     | 0.02       | 13.52    | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.04     | 0.04     | 0.04       | 3.54     | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.04     | 0.03     | 0.04       | 19.48    | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.04     | 0.04     | 0.04       | 7.85     | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.04     | 0.03       | 10.54    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |          | cps   |
| Neodymium  | 150-2 |          |          |          |            |          | cps   |
| Nickel     | 60-2  | 0.65     | 0.68     | 0.61     | 0.65       | 4.89     | ppb   |
| Phosphorus | 31-2  | 773.69   | 816.73   | 819.28   | 803.23     | 3.19     | ppb   |
| Potassium  | 39-2  | 554.46   | 549.00   | 564.65   | 556.04     | 1.43     | ppb   |
| Rhodium    | 103-1 |          |          |          |            |          | %     |
| Rhodium    | 103-2 |          |          |          |            |          | %     |
| Scandium   | 45-1  |          |          |          |            |          | %     |
| Scandium   | 45-2  |          |          |          |            |          | %     |
| Selenium   | 77-2  | -0.02    | -0.02    | -0.02    | -0.02      |          | ppb   |
| Selenium   | 78-2  | -0.36    | -0.48    | 0.06     | -0.26      |          | ppb   |
| Selenium   | 82-1  | 0.42     | 0.06     | 0.77     | 0.42       | 85.27    | ppb   |
| Silicon    | 28-1  | 2132.15  | 2153.21  | 2142.86  | 2142.74    | 0.49     | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 138.80   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 17373.57 | ppb   |
| Sodium     | 23-2  | 11190.47 | 10984.69 | 10971.02 | 11048.73   | 1.11     | ppb   |
| Strontium  | 86-1  | 10.10    | 10.38    | 10.14    | 10.21      | 1.47     | ppb   |
| Strontium  | 88-1  | 10.10    | 10.33    | 10.01    | 10.15      | 1.64     | ppb   |
| Sulfur     | 34-1  | 505.79   | 740.04   | 698.23   | 648.02     | 19.28    | ppb   |
| Terbium    | 159-1 |          |          |          |            |          | %     |
| Terbium    | 159-2 |          |          |          |            |          | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.01     | 0.01       | 29.98    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 16.19    | ppb   |
| Tin        | 118-1 | -0.07    | -0.06    | -0.06    | -0.06      |          | ppb   |
| Titanium   | 47-1  | 0.69     | 0.64     | 0.71     | 0.68       | 5.63     | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |          | ppb   |
| Vanadium   | 51-2  | 0.11     | 0.11     | 0.11     | 0.11       | 2.54     | ppb   |
| Yttrium    | 89-1  |          |          |          |            |          | %     |
| Yttrium    | 89-2  |          |          |          |            |          | %     |
| Zinc       | 66-2  | 0.94     | 0.79     | 0.78     | 0.84       | 10.76    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 2.31     | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-15-FL2-CS-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:28:06  | DataFile Name :   | 150SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.00    | 0.01       | 123.70  | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-16 Instrumnet Name : P7  
 Client Sample ID : DC32515-16-FL2-CS-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:31:31 DataFile Name : 151SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.66    | 0.64    | 1.29    | 0.86       | 43.39   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.04    | 0.03       | 11.08   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.21    | 0.25    | 0.23       | 9.15    | ppb   |
| Barium     | 135-1 | 0.14    | 0.11    | 0.17    | 0.14       | 20.96   | ppb   |
| Barium     | 137-1 | 0.16    | 0.13    | 0.15    | 0.15       | 6.99    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 24.81   | 27.10   | 27.87   | 26.59      | 5.98    | ppb   |
| Boron      | 11-1  | 25.98   | 26.55   | 26.68   | 26.40      | 1.41    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.01   | 0.01    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.83   | -0.14   | 0.15    | -0.27      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.05    | 0.03    | 0.05       | 28.05   | ppb   |
| Calcium    | 43-1  | 4674.42 | 4632.28 | 4661.61 | 4656.10    | 0.46    | ppb   |
| Calcium    | 44-1  | 4671.01 | 4749.87 | 4701.99 | 4707.62    | 0.84    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.05    | 0.07    | 0.05       | 35.99   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.79    | 0.79    | 0.74    | 0.77       | 3.94    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 5.59    | 5.43    | 5.75    | 5.59       | 2.84    | ppb   |
| Iron       | 57-2  | 8.17    | 8.74    | 11.07   | 9.33       | 16.49   | ppb   |
| Lead       | 206-1 | 0.05    | 0.05    | 0.05    | 0.05       | 2.87    | ppb   |
| Lead       | 207-1 | 0.03    | 0.04    | 0.04    | 0.04       | 14.62   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.05    | 0.04       | 5.02    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1166.90 | 1124.64 | 1160.01 | 1150.52    | 1.97    | ppb   |
| Manganese  | 55-2  | 0.82    | 0.82    | 0.80    | 0.81       | 1.68    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-16 Instrumnet Name : P7  
 Client Sample ID : DC32515-16-FL2-CS-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:31:31 DataFile Name : 151SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.02     | 0.02       | 18.05   | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.03     | 0.02     | 0.03       | 21.15   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03     | 0.02     | 0.02       | 6.78    | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.05     | 0.05     | 0.04       | 24.81   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.03     | 0.03       | 9.38    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.22     | 0.27     | 0.23     | 0.24       | 11.20   | ppb   |
| Phosphorus | 31-2  | 820.72   | 754.95   | 734.61   | 770.09     | 5.84    | ppb   |
| Potassium  | 39-2  | 543.68   | 531.76   | 544.61   | 540.02     | 1.33    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.02    | -0.02    | -0.27    | -0.10      |         | ppb   |
| Selenium   | 78-2  | -0.04    | -0.29    | 0.05     | -0.09      |         | ppb   |
| Selenium   | 82-1  | -0.03    | 0.21     | 0.36     | 0.18       | 111.60  | ppb   |
| Silicon    | 28-1  | 2109.35  | 2100.67  | 2094.77  | 2101.60    | 0.35    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 615.08  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10972.72 | 10735.17 | 10905.30 | 10871.06   | 1.13    | ppb   |
| Strontium  | 86-1  | 10.09    | 9.64     | 9.95     | 9.89       | 2.36    | ppb   |
| Strontium  | 88-1  | 10.20    | 10.10    | 10.06    | 10.12      | 0.73    | ppb   |
| Sulfur     | 34-1  | 417.79   | 486.03   | 526.49   | 476.77     | 11.52   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.02     | 0.01       | 21.84   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 33.44   | ppb   |
| Tin        | 118-1 | -0.08    | -0.08    | -0.09    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.67     | 0.72     | 0.67     | 0.69       | 4.63    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.12     | 0.12     | 0.10     | 0.11       | 6.23    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.57     | 0.62     | 0.65     | 0.61       | 6.88    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.02     | 0.02       | 16.72   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-16-FL2-CS-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:31:31  | DataFile Name :   | 151SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.02    | 0.02       | 29.04   | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4615-10 Instrumnet Name : P7  
 Client Sample ID : DC25820-10-BS-KI-W4-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:34:55 DataFile Name : 152SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.58    | 4.06    | 4.30    | 4.31       | 6.03    | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.04    | 0.03       | 15.15   | ppb   |
| Arsenic    | 75-2  | 0.20    | 0.23    | 0.24    | 0.22       | 7.60    | ppb   |
| Barium     | 135-1 | 0.13    | 0.18    | 0.16    | 0.16       | 17.64   | ppb   |
| Barium     | 137-1 | 0.17    | 0.17    | 0.15    | 0.16       | 7.49    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 24.43   | 24.59   | 22.87   | 23.96      | 3.96    | ppb   |
| Boron      | 11-1  | 24.58   | 24.62   | 25.11   | 24.77      | 1.19    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.03   | -0.10   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.20   | -0.44   | -1.35   | -0.66      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | 0.01    | 0.01       | 223.32  | ppb   |
| Calcium    | 43-1  | 4956.97 | 4931.26 | 4917.95 | 4935.39    | 0.40    | ppb   |
| Calcium    | 44-1  | 5121.93 | 5048.55 | 5059.24 | 5076.57    | 0.78    | ppb   |
| Chromium   | 52-2  | 0.16    | 0.16    | 0.18    | 0.17       | 7.08    | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.82    | 0.81    | 0.83    | 0.82       | 0.69    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 6.20    | 6.66    | 6.48    | 6.45       | 3.56    | ppb   |
| Iron       | 57-2  | 11.68   | 11.64   | 10.74   | 11.35      | 4.68    | ppb   |
| Lead       | 206-1 | 0.07    | 0.07    | 0.07    | 0.07       | 1.76    | ppb   |
| Lead       | 207-1 | 0.06    | 0.08    | 0.06    | 0.07       | 11.84   | ppb   |
| Lead       | 208-1 | 0.07    | 0.07    | 0.07    | 0.07       | 3.75    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1190.87 | 1172.19 | 1189.49 | 1184.18    | 0.88    | ppb   |
| Manganese  | 55-2  | 0.87    | 0.89    | 0.88    | 0.88       | 1.17    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4615-10 Instrumnet Name : P7  
 Client Sample ID : DC25820-10-BS-KI-W4-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:34:55 DataFile Name : 152SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.02     | 0.02       | 24.04   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.02     | 0.02       | 1.89    | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.03     | 0.03     | 0.03       | 10.41   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.05     | 0.03     | 0.04       | 19.47   | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.03     | 0.04     | 0.04       | 25.72   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.27     | 0.31     | 0.28     | 0.29       | 7.54    | ppb   |
| Phosphorus | 31-2  | 819.15   | 808.06   | 796.20   | 807.80     | 1.42    | ppb   |
| Potassium  | 39-2  | 560.21   | 556.36   | 558.30   | 558.29     | 0.35    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | -0.03    | -0.19      |         | ppb   |
| Selenium   | 78-2  | -0.13    | 0.61     | -0.60    | -0.04      |         | ppb   |
| Selenium   | 82-1  | 0.34     | 0.30     | 0.33     | 0.33       | 6.24    | ppb   |
| Silicon    | 28-1  | 2189.42  | 2196.49  | 2169.80  | 2185.24    | 0.63    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 96.45   | ppb   |
| Sodium     | 23-2  | 11288.86 | 11171.93 | 11358.39 | 11273.06   | 0.84    | ppb   |
| Strontium  | 86-1  | 10.38    | 10.26    | 10.39    | 10.34      | 0.70    | ppb   |
| Strontium  | 88-1  | 10.60    | 10.44    | 10.55    | 10.53      | 0.81    | ppb   |
| Sulfur     | 34-1  | -41.62   | -98.41   | -110.53  | -83.52     |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 5.28    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 14.04   | ppb   |
| Tin        | 118-1 | -0.08    | -0.09    | -0.08    | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.60     | 0.62     | 0.72     | 0.65       | 10.04   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.11     | 0.10     | 0.11     | 0.11       | 2.82    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 3.05     | 3.04     | 2.97     | 3.02       | 1.43    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.01     | 0.02       | 28.52   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4615-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-10-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:34:55   | DataFile Name :   | 152SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.02    | 0.01       | 47.22   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV78               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV78               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:38:20 | DataFile Name :   | 153SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.64    | 10.06   | 2.51    | 5.07       | 85.34   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.00    | 0.00    | 0.00       | 46.36   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.01    | 0.01    | 0.01       | 66.61   | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.15    | 2.52    | 2.43    | 2.70       | 14.53   | ppb   |
| Boron      | 11-1  | 2.70    | 2.37    | 2.64    | 2.57       | 6.77    | ppb   |
| Cadmium    | 111-1 | -0.06   | 0.01    | 0.00    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.87   | 0.22    | 0.05    | -0.20      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.04    | 0.01    | 0.02       | 86.17   | ppb   |
| Calcium    | 43-1  | 8.48    | 7.37    | 6.44    | 7.43       | 13.76   | ppb   |
| Calcium    | 44-1  | 7.88    | 8.22    | 9.58    | 8.56       | 10.51   | ppb   |
| Chromium   | 52-2  | 0.01    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.06    | 0.06    | 0.06    | 0.06       | 3.79    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.58    | 0.46    | 0.61    | 0.55       | 14.08   | ppb   |
| Iron       | 57-2  | 0.46    | 1.09    | 0.24    | 0.60       | 73.87   | ppb   |
| Lead       | 206-1 | 507.88  | 517.85  | 524.91  | 516.88     | 1.65    | ppb   |
| Lead       | 207-1 | 510.42  | 492.66  | 522.64  | 508.57     | 2.96    | ppb   |
| Lead       | 208-1 | 511.86  | 510.36  | 521.81  | 514.68     | 1.21    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.39    | -0.04   | 0.13    | 0.16       | 134.93  | ppb   |
| Manganese  | 55-2  | 0.03    | 0.02    | 0.02    | 0.02       | 16.62   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV78               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV78               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:38:20 | DataFile Name :   | 153SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | 375.83  | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.00    | 0.00    | 0.00       | 325.06  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.02    | 0.00    | 0.01       | 143.08  | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.01    | 0.01       | 29.26   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.03    | 0.02    | 0.02    | 0.02       | 39.02   | ppb   |
| Phosphorus | 31-2  | 2.07    | -15.80  | -18.96  | -10.90     |         | ppb   |
| Potassium  | 39-2  | 8.88    | 2.84    | 6.41    | 6.05       | 50.21   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.01   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.18    | 0.41    | -0.13   | 0.15       | 181.88  | ppb   |
| Selenium   | 82-1  | 0.60    | -0.32   | 0.19    | 0.16       | 288.72  | ppb   |
| Silicon    | 28-1  | -0.85   | -0.65   | 0.70    | -0.27      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 60.94   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 1588.67 | ppb   |
| Sodium     | 23-2  | 25.16   | 22.11   | 21.86   | 23.04      | 7.97    | ppb   |
| Strontium  | 86-1  | 0.02    | -0.02   | 0.02    | 0.01       | 260.27  | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -304.85 | -299.26 | -250.80 | -284.97    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.56   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.01    | 0.02       | 20.33   | ppb   |
| Tin        | 118-1 | -0.04   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.03    | 0.00    | 0.01       | 180.40  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 226.45  | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.00    | 0.00    | 0.00       | 62.31   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.27    | 0.27    | 0.28    | 0.28       | 2.92    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.00    | 0.01       | 57.53   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV78               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV78               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:38:20 | DataFile Name :   | 153SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.01    | 0.01       | 45.64   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB78               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB78               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:41:45 | DataFile Name :   | 154SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.36   | 0.17    | 0.28    | 0.03       | 1145.71 | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 920.97  | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.01    | -0.01   | 0.00       |         | ppb   |
| Barium     | 135-1 | 0.00    | 0.01    | -0.01   | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.01    | 0.00       | 347.04  | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.57    | 1.26    | 1.31    | 1.38       | 11.95   | ppb   |
| Boron      | 11-1  | 1.59    | 1.34    | 1.34    | 1.43       | 10.16   | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.00    | -0.04   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.02    | 0.03    | -0.51   | -0.15      |         | ppb   |
| Cadmium    | 108-1 | 0.13    | 0.07    | 0.03    | 0.07       | 69.86   | ppb   |
| Calcium    | 43-1  | 1.20    | 2.50    | 1.91    | 1.87       | 34.82   | ppb   |
| Calcium    | 44-1  | 3.95    | 5.56    | 4.64    | 4.72       | 17.15   | ppb   |
| Chromium   | 52-2  | 0.00    | 0.01    | 0.01    | 0.01       | 90.35   | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.02    | 0.03    | 0.03       | 25.38   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.14    | 0.10    | 0.16    | 0.13       | 24.12   | ppb   |
| Iron       | 57-2  | -0.44   | -0.36   | -0.57   | -0.46      |         | ppb   |
| Lead       | 206-1 | 0.05    | 0.03    | 0.04    | 0.04       | 25.62   | ppb   |
| Lead       | 207-1 | 0.04    | 0.05    | 0.04    | 0.04       | 10.71   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 5.04    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.36    | 0.28    | 0.39    | 0.34       | 16.12   | ppb   |
| Manganese  | 55-2  | 0.02    | 0.01    | 0.01    | 0.01       | 16.85   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB78               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB78               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:41:45 | DataFile Name :   | 154SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.05    | 0.04    | 0.04    | 0.05       | 16.52   | ppb   |
| Phosphorus | 31-2  | -16.14  | -15.43  | -13.92  | -15.16     |         | ppb   |
| Potassium  | 39-2  | 2.66    | 3.42    | 2.78    | 2.95       | 13.81   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.27    | -0.27   | -0.27   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.15    | -0.58   | 0.79    | 0.12       | 573.67  | ppb   |
| Selenium   | 82-1  | 0.17    | 0.26    | -0.66   | -0.08      |         | ppb   |
| Silicon    | 28-1  | -1.49   | -1.74   | -2.08   | -1.77      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 27.94   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 22.40   | ppb   |
| Sodium     | 23-2  | 20.47   | 20.94   | 19.52   | 20.31      | 3.58    | ppb   |
| Strontium  | 86-1  | 0.05    | 0.00    | 0.04    | 0.03       | 73.67   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 82.16   | ppb   |
| Sulfur     | 34-1  | -232.43 | -377.61 | -241.18 | -283.74    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.28   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 34.23   | ppb   |
| Tin        | 118-1 | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.00    | -0.03   | 0.00    | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 85.61   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.02   | -0.06   | -0.03   | -0.04      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB78               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB78               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:41:45 | DataFile Name :   | 154SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101370BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101370BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:45:12 | DataFile Name :   | 155SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.18    | -0.51   | -0.27   | -0.20      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 151.76  | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.00    | 0.00       | 59.31   | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.70    | 0.76    | 0.89    | 0.78       | 12.07   | ppb   |
| Boron      | 11-1  | 1.02    | 0.99    | 0.95    | 0.99       | 3.70    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.06   | -0.03   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.70   | -0.75   | -0.37   | -0.61      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.04    | 0.01    | 0.02       | 86.34   | ppb   |
| Calcium    | 43-1  | -1.63   | 0.65    | 0.68    | -0.10      |         | ppb   |
| Calcium    | 44-1  | 3.63    | 4.64    | 3.20    | 3.82       | 19.30   | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | 0.00    | 0.00       | 124.02  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.02    | 0.03    | 0.02       | 30.01   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.05    | 0.03    | 0.01    | 0.03       | 81.17   | ppb   |
| Iron       | 57-2  | -0.21   | -0.58   | -0.34   | -0.38      |         | ppb   |
| Lead       | 206-1 | 0.02    | 0.04    | 0.03    | 0.03       | 39.58   | ppb   |
| Lead       | 207-1 | 0.03    | 0.06    | 0.03    | 0.04       | 41.00   | ppb   |
| Lead       | 208-1 | 0.02    | 0.05    | 0.02    | 0.03       | 46.40   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.05    | 0.06    | 0.04    | 0.05       | 20.66   | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.01    | 0.00       | 54.68   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101370BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101370BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:45:12 | DataFile Name :   | 155SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.01    | 0.01    | 0.01       | 12.38   | ppb   |
| Phosphorus | 31-2  | -16.58  | -6.62   | -14.86  | -12.69     |         | ppb   |
| Potassium  | 39-2  | 1.56    | 4.35    | 2.30    | 2.74       | 52.87   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.26    | -0.27   | -0.27   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.33    | 0.69    | -0.60   | 0.14       | 478.68  | ppb   |
| Selenium   | 82-1  | 0.20    | -0.26   | 0.19    | 0.04       | 611.20  | ppb   |
| Silicon    | 28-1  | -2.42   | -1.21   | -2.13   | -1.92      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 151.99  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 272.37  | ppb   |
| Sodium     | 23-2  | 17.87   | 19.09   | 19.31   | 18.76      | 4.13    | ppb   |
| Strontium  | 86-1  | 0.02    | 0.03    | 0.01    | 0.02       | 78.14   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.01    | 0.00    | 0.00       | 61.22   | ppb   |
| Sulfur     | 34-1  | -331.58 | -187.93 | -295.58 | -271.70    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.00    | 0.01       | 27.95   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.55    | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.00    | -0.02   | -0.03   | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 48.80   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.02   | -0.06   | -0.02   | -0.03      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 767.17  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101370BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101370BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:45:12 | DataFile Name :   | 155SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.01    | 0.01       | 55.77   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101370BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101370BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:48:39 | DataFile Name :   | 156SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.51    | 6.42    | 6.04    | 5.99       | 7.67    | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 25.32   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.01    | 0.00       | 35.96   | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.01    | 0.00       | 89.37   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.01    | 0.47    | 0.68    | 0.72       | 37.57   | ppb   |
| Boron      | 11-1  | 0.85    | 0.73    | 0.55    | 0.71       | 20.78   | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.00    | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.08   | -0.07   | -0.59   | -0.25      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.02    | 0.07    | 0.03       | 127.95  | ppb   |
| Calcium    | 43-1  | 13.36   | 8.81    | 12.51   | 11.56      | 20.95   | ppb   |
| Calcium    | 44-1  | 13.06   | 13.36   | 14.43   | 13.61      | 5.29    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.04    | 0.05    | 0.04       | 24.47   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.03    | 0.02    | 0.03       | 43.68   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 1.35    | 1.25    | 1.37    | 1.32       | 4.90    | ppb   |
| Iron       | 57-2  | 0.44    | 1.49    | 1.11    | 1.01       | 52.30   | ppb   |
| Lead       | 206-1 | 529.34  | 526.14  | 524.18  | 526.56     | 0.49    | ppb   |
| Lead       | 207-1 | 497.47  | 522.40  | 499.93  | 506.60     | 2.71    | ppb   |
| Lead       | 208-1 | 516.75  | 521.69  | 518.12  | 518.85     | 0.49    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.07   | 0.46    | 0.32    | 0.24       | 116.91  | ppb   |
| Manganese  | 55-2  | 0.03    | 0.02    | 0.03    | 0.02       | 26.04   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101370BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101370BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:48:39 | DataFile Name :   | 156SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.00    | 0.00       | 1453.95 | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.01    | 0.00    | 0.00       | 164.29  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.01    | 0.00       | 164.77  | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.02    | 0.01    | 0.01       | 57.81   | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.01    | 0.01       | 11.61   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.04    | 0.04    | 0.02    | 0.03       | 30.97   | ppb   |
| Phosphorus | 31-2  | -12.36  | -18.01  | -10.50  | -13.62     |         | ppb   |
| Potassium  | 39-2  | 4.81    | 1.63    | 7.17    | 4.54       | 61.27   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | -0.01   | -0.27   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.67    | 0.07    | -0.14   | 0.20       | 213.61  | ppb   |
| Selenium   | 82-1  | 0.49    | 0.37    | 0.16    | 0.34       | 48.34   | ppb   |
| Silicon    | 28-1  | -1.78   | -2.00   | -1.62   | -1.80      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.01       | 14.08   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 484.65  | ppb   |
| Sodium     | 23-2  | 20.26   | 19.51   | 20.39   | 20.06      | 2.37    | ppb   |
| Strontium  | 86-1  | 0.02    | 0.03    | -0.03   | 0.01       | 429.25  | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -249.34 | -340.35 | -245.91 | -278.53    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 12.32   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 9.03    | ppb   |
| Tin        | 118-1 | -0.05   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.05    | 0.07    | 0.05    | 0.06       | 25.59   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 238.42  | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.00    | 0.01       | 72.53   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.66    | 0.62    | 0.59    | 0.62       | 5.46    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.01    | 0.00       | 64.60   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101370BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101370BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:48:39 | DataFile Name :   | 156SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-01 Instrumnet Name : P7  
 Client Sample ID : DC25820-37-FL1-BRS1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:52:05 DataFile Name : 157SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.78    | 4.43    | 3.41    | 3.54       | 23.46   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.06    | 0.07    | 0.07       | 6.38    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.25    | 0.26    | 0.25       | 1.90    | ppb   |
| Barium     | 135-1 | 17.41   | 17.18   | 16.96   | 17.18      | 1.31    | ppb   |
| Barium     | 137-1 | 17.24   | 17.32   | 16.78   | 17.11      | 1.70    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 620.90  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.02    | 5.13    | 5.12    | 5.09       | 1.12    | ppb   |
| Boron      | 11-1  | 4.99    | 5.12    | 5.16    | 5.09       | 1.79    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.01   | 0.02    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.80   | -0.30   | 0.19    | -0.30      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.08    | 0.08    | 0.06       | 38.74   | ppb   |
| Calcium    | 43-1  | 5406.62 | 5332.07 | 5333.94 | 5357.54    | 0.79    | ppb   |
| Calcium    | 44-1  | 5530.18 | 5539.72 | 5561.75 | 5543.88    | 0.29    | ppb   |
| Chromium   | 52-2  | -0.13   | -0.10   | -0.10   | -0.11      |         | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.04    | 0.04    | 0.04       | 8.29    | ppb   |
| Copper     | 63-2  | 159.82  | 159.43  | 158.54  | 159.26     | 0.41    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 27.64   | 27.13   | 27.62   | 27.46      | 1.06    | ppb   |
| Iron       | 57-2  | 33.45   | 30.77   | 30.48   | 31.57      | 5.19    | ppb   |
| Lead       | 206-1 | 1.36    | 1.41    | 1.41    | 1.40       | 2.14    | ppb   |
| Lead       | 207-1 | 1.29    | 1.29    | 1.31    | 1.30       | 1.06    | ppb   |
| Lead       | 208-1 | 1.33    | 1.36    | 1.35    | 1.35       | 1.20    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1200.97 | 1198.48 | 1193.89 | 1197.78    | 0.30    | ppb   |
| Manganese  | 55-2  | 7.77    | 7.52    | 7.56    | 7.62       | 1.72    | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-01 Instrumnet Name : P7  
 Client Sample ID : DC25820-37-FL1-BRS1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:52:05 DataFile Name : 157SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.01     | 0.01       | 52.66   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.01     | 0.02     | 0.02       | 26.09   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.02     | 0.02     | 0.02       | 16.92   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02     | 0.02     | 0.02       | 4.89    | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02     | 0.01     | 0.02       | 26.18   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 9.12     | 9.15     | 8.80     | 9.02       | 2.13    | ppb   |
| Phosphorus | 31-2  | 624.26   | 638.25   | 572.73   | 611.75     | 5.64    | ppb   |
| Potassium  | 39-2  | 621.93   | 618.20   | 618.50   | 619.54     | 0.34    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | -0.02    | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.61     | 0.12     | 0.45     | 0.39       | 62.43   | ppb   |
| Selenium   | 82-1  | 0.33     | 0.44     | 0.65     | 0.47       | 34.74   | ppb   |
| Silicon    | 28-1  | 1070.24  | 1036.06  | 1065.86  | 1057.39    | 1.76    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 8.62    | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 19.04   | ppb   |
| Sodium     | 23-2  | 10658.97 | 10634.13 | 10676.89 | 10656.66   | 0.20    | ppb   |
| Strontium  | 86-1  | 19.29    | 19.30    | 19.35    | 19.31      | 0.16    | ppb   |
| Strontium  | 88-1  | 19.46    | 19.47    | 19.25    | 19.39      | 0.64    | ppb   |
| Sulfur     | 34-1  | 497.57   | 493.66   | 486.72   | 492.65     | 1.11    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02     | 0.01       | 18.12   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 11.12   | ppb   |
| Tin        | 118-1 | -0.07    | -0.08    | -0.07    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.27     | 0.28     | 0.23     | 0.26       | 8.97    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.01     | 0.01     | 0.01       | 14.83   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.07     | 0.08     | 0.07       | 8.45    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 248.03   | 249.41   | 249.44   | 248.96     | 0.32    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.02     | 0.02     | 0.03       | 24.57   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-37-FL1-BRS1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:52:05   | DataFile Name :   | 157SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 13.71   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-02 Instrumnet Name : P7  
 Client Sample ID : DC25820-38-FL1-BRS1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:55:30 DataFile Name : 158SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.71    | 6.55    | 7.62    | 7.63       | 14.13   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.05    | 0.06    | 0.06       | 13.09   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.24    | 0.29    | 0.27       | 10.57   | ppb   |
| Barium     | 135-1 | 17.06   | 16.89   | 16.46   | 16.80      | 1.83    | ppb   |
| Barium     | 137-1 | 16.70   | 16.96   | 16.60   | 16.75      | 1.12    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.08    | 4.60    | 4.18    | 4.62       | 9.79    | ppb   |
| Boron      | 11-1  | 4.37    | 4.26    | 4.47    | 4.37       | 2.46    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.08   | 0.00    | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.51   | -1.20   | -0.04   | -0.59      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.02    | 0.02    | 0.01       | 127.28  | ppb   |
| Calcium    | 43-1  | 5246.79 | 5395.50 | 5366.04 | 5336.11    | 1.48    | ppb   |
| Calcium    | 44-1  | 5443.32 | 5497.20 | 5440.29 | 5460.27    | 0.59    | ppb   |
| Chromium   | 52-2  | 0.13    | 0.07    | 0.10    | 0.10       | 30.66   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.02    | 0.01    | 0.01       | 63.72   | ppb   |
| Copper     | 63-2  | 161.97  | 162.84  | 160.69  | 161.83     | 0.67    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 18.13   | 17.86   | 18.11   | 18.03      | 0.84    | ppb   |
| Iron       | 57-2  | 25.11   | 22.52   | 23.24   | 23.62      | 5.65    | ppb   |
| Lead       | 206-1 | 0.54    | 0.56    | 0.55    | 0.55       | 1.45    | ppb   |
| Lead       | 207-1 | 0.52    | 0.48    | 0.50    | 0.50       | 4.29    | ppb   |
| Lead       | 208-1 | 0.53    | 0.52    | 0.52    | 0.52       | 1.15    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1144.17 | 1147.60 | 1145.88 | 1145.88    | 0.15    | ppb   |
| Manganese  | 55-2  | 9.56    | 9.35    | 9.31    | 9.41       | 1.44    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-02 Instrumnet Name : P7  
 Client Sample ID : DC25820-38-FL1-BRS1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:55:30 DataFile Name : 158SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.02     | 0.02       | 15.12   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.04     | 0.02       | 45.56   | ppb   |
| Molybdenum | 96-1  | 0.15     | 0.02     | 0.02     | 0.06       | 121.28  | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.04     | 0.03     | 0.03       | 15.35   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.03     | 0.03       | 16.87   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.82     | 0.86     | 0.90     | 0.86       | 4.29    | ppb   |
| Phosphorus | 31-2  | 628.75   | 650.03   | 679.34   | 652.71     | 3.89    | ppb   |
| Potassium  | 39-2  | 523.58   | 518.38   | 523.03   | 521.66     | 0.55    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.01    | -0.01    | -0.27    | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.04     | 0.18     | -0.13    | 0.03       | 489.38  | ppb   |
| Selenium   | 82-1  | 0.31     | 0.32     | 0.38     | 0.34       | 11.40   | ppb   |
| Silicon    | 28-1  | 1029.57  | 1037.49  | 1024.99  | 1030.68    | 0.61    | ppb   |
| Silver     | 109-1 | 0.01     | 0.02     | 0.02     | 0.02       | 14.26   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.01     | 0.02       | 18.67   | ppb   |
| Sodium     | 23-2  | 10545.87 | 10532.60 | 10439.85 | 10506.11   | 0.55    | ppb   |
| Strontium  | 86-1  | 18.70    | 18.86    | 18.61    | 18.72      | 0.67    | ppb   |
| Strontium  | 88-1  | 19.18    | 18.86    | 18.87    | 18.97      | 0.97    | ppb   |
| Sulfur     | 34-1  | 718.93   | 830.70   | 688.37   | 746.00     | 10.04   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02     | 0.01       | 17.72   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 27.71   | ppb   |
| Tin        | 118-1 | -0.07    | -0.05    | -0.06    | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.31     | 0.35     | 0.29     | 0.32       | 9.17    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 10.52   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.08     | 0.09     | 0.08       | 17.20   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 13.49    | 13.11    | 12.90    | 13.16      | 2.26    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 11.13   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-38-FL1-BRS1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:55:30   | DataFile Name :   | 158SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.55   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-03 Instrumnet Name : P7  
 Client Sample ID : DC25820-39-FL1-NR-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:58:55 DataFile Name : 159SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.26    | 5.30    | 7.02    | 5.86       | 17.17   | ppb   |
| Antimony   | 121-1 | 0.08    | 0.09    | 0.08    | 0.08       | 3.58    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.23    | 0.26    | 0.24       | 5.80    | ppb   |
| Barium     | 135-1 | 19.93   | 19.40   | 19.82   | 19.72      | 1.43    | ppb   |
| Barium     | 137-1 | 19.45   | 19.84   | 19.44   | 19.58      | 1.16    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.35    | 4.54    | 4.86    | 4.58       | 5.65    | ppb   |
| Boron      | 11-1  | 4.70    | 4.92    | 4.90    | 4.84       | 2.47    | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Cadmium    | 106-1 | -0.47   | -0.24   | -0.01   | -0.24      |         | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.08    | 0.18    | 0.11       | 46.56   | ppb   |
| Calcium    | 43-1  | 5743.63 | 5858.91 | 5708.72 | 5770.42    | 1.36    | ppb   |
| Calcium    | 44-1  | 5856.16 | 5905.62 | 5888.02 | 5883.27    | 0.43    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.04    | 0.03    | 0.04       | 12.93   | ppb   |
| Copper     | 63-2  | 236.34  | 233.80  | 235.99  | 235.38     | 0.59    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 27.13   | 26.60   | 26.30   | 26.68      | 1.57    | ppb   |
| Iron       | 57-2  | 33.37   | 33.10   | 33.89   | 33.45      | 1.21    | ppb   |
| Lead       | 206-1 | 0.52    | 0.55    | 0.54    | 0.54       | 2.35    | ppb   |
| Lead       | 207-1 | 0.48    | 0.48    | 0.48    | 0.48       | 0.98    | ppb   |
| Lead       | 208-1 | 0.50    | 0.51    | 0.50    | 0.50       | 0.49    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1180.11 | 1167.69 | 1181.34 | 1176.38    | 0.64    | ppb   |
| Manganese  | 55-2  | 8.74    | 8.74    | 8.59    | 8.69       | 1.02    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-39-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:58:55  | DataFile Name :   | 159SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 40.56   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.01    | 0.02    | 0.02       | 42.08   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.01    | 0.02       | 17.79   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.01    | 0.02       | 38.49   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.01    | 0.02    | 0.02       | 18.71   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 7.04    | 6.85    | 6.93    | 6.94       | 1.33    | ppb   |
| Phosphorus | 31-2  | 519.15  | 536.32  | 532.87  | 529.45     | 1.72    | ppb   |
| Potassium  | 39-2  | 516.04  | 505.23  | 514.83  | 512.03     | 1.16    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.01   | 0.24    | -0.01   | 0.07       | 207.39  | ppb   |
| Selenium   | 78-2  | -0.33   | -0.29   | 0.23    | -0.13      |         | ppb   |
| Selenium   | 82-1  | 0.22    | 0.64    | 0.45    | 0.44       | 48.37   | ppb   |
| Silicon    | 28-1  | 1001.45 | 1026.63 | 1036.99 | 1021.69    | 1.79    | ppb   |
| Silver     | 109-1 | 0.08    | 0.08    | 0.08    | 0.08       | 3.04    | ppb   |
| Silver     | 107-1 | 0.07    | 0.08    | 0.08    | 0.07       | 5.97    | ppb   |
| Sodium     | 23-2  | 9697.11 | 9605.88 | 9717.84 | 9673.61    | 0.62    | ppb   |
| Strontium  | 86-1  | 20.26   | 20.66   | 20.39   | 20.44      | 1.00    | ppb   |
| Strontium  | 88-1  | 20.73   | 20.86   | 20.87   | 20.82      | 0.39    | ppb   |
| Sulfur     | 34-1  | 603.34  | 744.53  | 870.29  | 739.39     | 18.06   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 16.20   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 7.51    | ppb   |
| Tin        | 118-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.84    | 0.24    | 0.27    | 0.45       | 76.17   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 17.97   | ppb   |
| Vanadium   | 51-2  | 0.09    | 0.09    | 0.06    | 0.08       | 16.28   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 265.93  | 262.10  | 267.61  | 265.21     | 1.06    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.03    | 0.02       | 43.30   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-39-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:58:55  | DataFile Name :   | 159SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.02       | 34.03   | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-04 Instrumnet Name : P7  
 Client Sample ID : DC25820-40-FL1-NR-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:02:19 DataFile Name : 160SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.45    | 4.36    | 4.44    | 4.09       | 13.41   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.07    | 0.07       | 4.93    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.23    | 0.26    | 0.24       | 7.53    | ppb   |
| Barium     | 135-1 | 18.57   | 17.90   | 18.69   | 18.38      | 2.32    | ppb   |
| Barium     | 137-1 | 18.77   | 18.29   | 18.92   | 18.66      | 1.77    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.42    | 4.24    | 4.37    | 4.34       | 2.12    | ppb   |
| Boron      | 11-1  | 4.71    | 4.72    | 4.68    | 4.71       | 0.40    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.07   | -0.04   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.49   | -1.00   | -0.51   | -0.67      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.02    | 0.02    | 0.01       | 298.62  | ppb   |
| Calcium    | 43-1  | 5389.91 | 5343.69 | 5237.93 | 5323.84    | 1.46    | ppb   |
| Calcium    | 44-1  | 5525.57 | 5443.51 | 5478.86 | 5482.65    | 0.75    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 43.81   | ppb   |
| Copper     | 63-2  | 226.29  | 227.44  | 227.18  | 226.97     | 0.27    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 15.31   | 15.20   | 15.21   | 15.24      | 0.39    | ppb   |
| Iron       | 57-2  | 18.66   | 19.91   | 20.96   | 19.84      | 5.80    | ppb   |
| Lead       | 206-1 | 0.21    | 0.19    | 0.19    | 0.20       | 6.34    | ppb   |
| Lead       | 207-1 | 0.17    | 0.16    | 0.17    | 0.17       | 3.57    | ppb   |
| Lead       | 208-1 | 0.18    | 0.18    | 0.18    | 0.18       | 1.55    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1077.56 | 1089.66 | 1086.83 | 1084.68    | 0.58    | ppb   |
| Manganese  | 55-2  | 5.28    | 5.44    | 5.11    | 5.28       | 3.17    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-40-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:02:19  | DataFile Name :   | 160SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 29.75   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02    | 0.02    | 0.02       | 5.17    | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.01    | 0.02       | 40.06   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.02    | 0.02    | 0.02       | 23.87   | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.02    | 0.02    | 0.02       | 11.28   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.49    | 0.53    | 0.48    | 0.50       | 5.35    | ppb   |
| Phosphorus | 31-2  | 540.24  | 583.40  | 518.28  | 547.31     | 6.05    | ppb   |
| Potassium  | 39-2  | 504.83  | 508.16  | 502.91  | 505.30     | 0.53    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.01   | 0.49    | 0.07       | 543.91  | ppb   |
| Selenium   | 78-2  | 1.14    | 0.28    | -0.13   | 0.43       | 149.47  | ppb   |
| Selenium   | 82-1  | 0.39    | 0.17    | 0.23    | 0.26       | 42.51   | ppb   |
| Silicon    | 28-1  | 1019.95 | 1005.69 | 1006.32 | 1010.66    | 0.80    | ppb   |
| Silver     | 109-1 | 0.04    | 0.04    | 0.04    | 0.04       | 4.21    | ppb   |
| Silver     | 107-1 | 0.04    | 0.05    | 0.04    | 0.04       | 16.11   | ppb   |
| Sodium     | 23-2  | 9554.54 | 9562.71 | 9574.97 | 9564.07    | 0.11    | ppb   |
| Strontium  | 86-1  | 19.37   | 19.33   | 19.65   | 19.45      | 0.91    | ppb   |
| Strontium  | 88-1  | 19.75   | 19.56   | 19.54   | 19.62      | 0.59    | ppb   |
| Sulfur     | 34-1  | 644.80  | 580.15  | 623.05  | 616.00     | 5.34    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.02    | 0.01       | 46.00   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.43    | ppb   |
| Tin        | 118-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.29    | 0.32    | 0.24    | 0.28       | 15.33   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 5.05    | ppb   |
| Vanadium   | 51-2  | 0.08    | 0.09    | 0.08    | 0.08       | 8.73    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 19.83   | 19.84   | 19.97   | 19.88      | 0.38    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.01    | 0.02       | 51.01   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-40-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:02:19  | DataFile Name :   | 160SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.01    | 0.01       | 41.04   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-05 Instrumnet Name : P7  
 Client Sample ID : DC25820-41-FL1-BRS2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:05:44 DataFile Name : 161SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.12    | 6.04    | 5.25    | 5.81       | 8.27    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 1.60    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.29    | 0.28    | 0.28       | 5.49    | ppb   |
| Barium     | 135-1 | 17.05   | 16.30   | 16.58   | 16.65      | 2.27    | ppb   |
| Barium     | 137-1 | 16.54   | 16.37   | 16.54   | 16.49      | 0.60    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 199.68  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.12    | 6.16    | 5.23    | 5.50       | 10.41   | ppb   |
| Boron      | 11-1  | 5.66    | 5.76    | 5.84    | 5.75       | 1.51    | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.00    | -0.04   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.53   | -0.50   | -0.88   | -0.64      |         | ppb   |
| Cadmium    | 108-1 | 0.12    | 0.08    | 0.09    | 0.10       | 22.35   | ppb   |
| Calcium    | 43-1  | 5299.37 | 5270.19 | 5288.91 | 5286.15    | 0.28    | ppb   |
| Calcium    | 44-1  | 5411.77 | 5352.90 | 5371.12 | 5378.60    | 0.56    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.06    | 0.07    | 0.06       | 9.28    | ppb   |
| Copper     | 63-2  | 168.11  | 166.33  | 166.57  | 167.00     | 0.58    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 58.85   | 57.80   | 57.55   | 58.06      | 1.19    | ppb   |
| Iron       | 57-2  | 61.52   | 66.93   | 64.58   | 64.35      | 4.22    | ppb   |
| Lead       | 206-1 | 2.18    | 2.25    | 2.26    | 2.23       | 1.81    | ppb   |
| Lead       | 207-1 | 2.10    | 2.02    | 2.13    | 2.08       | 2.62    | ppb   |
| Lead       | 208-1 | 2.14    | 2.13    | 2.18    | 2.15       | 1.04    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1219.01 | 1197.86 | 1203.85 | 1206.91    | 0.90    | ppb   |
| Manganese  | 55-2  | 12.56   | 12.30   | 12.48   | 12.44      | 1.07    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-05 Instrumnet Name : P7  
 Client Sample ID : DC25820-41-FL1-BRS2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:05:44 DataFile Name : 161SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.02     | 0.02       | 9.20    | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.01     | 0.02       | 21.21   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.02     | 0.02       | 36.25   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.03     | 0.03     | 0.03       | 27.98   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.01     | 0.02       | 45.28   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.28     | 3.26     | 3.31     | 3.28       | 0.75    | ppb   |
| Phosphorus | 31-2  | 590.59   | 639.23   | 586.61   | 605.48     | 4.84    | ppb   |
| Potassium  | 39-2  | 557.20   | 550.20   | 557.41   | 554.94     | 0.74    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | -0.27    | -0.27      |         | ppb   |
| Selenium   | 78-2  | 0.09     | 0.65     | 0.40     | 0.38       | 74.77   | ppb   |
| Selenium   | 82-1  | 0.64     | 0.28     | 0.22     | 0.38       | 60.02   | ppb   |
| Silicon    | 28-1  | 1051.94  | 1046.54  | 1041.58  | 1046.69    | 0.50    | ppb   |
| Silver     | 109-1 | 0.03     | 0.02     | 0.02     | 0.02       | 15.78   | ppb   |
| Silver     | 107-1 | 0.02     | 0.03     | 0.03     | 0.02       | 16.36   | ppb   |
| Sodium     | 23-2  | 10585.24 | 10382.59 | 10437.87 | 10468.57   | 1.00    | ppb   |
| Strontium  | 86-1  | 18.63    | 18.76    | 18.74    | 18.71      | 0.37    | ppb   |
| Strontium  | 88-1  | 18.92    | 18.87    | 18.93    | 18.90      | 0.17    | ppb   |
| Sulfur     | 34-1  | 492.81   | 488.78   | 509.98   | 497.19     | 2.26    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 5.92    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 3.69    | ppb   |
| Tin        | 118-1 | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Titanium   | 47-1  | 0.35     | 0.38     | 0.28     | 0.33       | 15.43   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 8.24    | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.07     | 0.06     | 0.06       | 1.52    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 240.34   | 236.54   | 236.97   | 237.95     | 0.87    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 13.11   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-41-FL1-BRS2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:05:44   | DataFile Name :   | 161SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.01    | 0.03       | 53.30   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-06 Instrumnet Name : P7  
 Client Sample ID : DC25820-42-FL1-BRS2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:09:09 DataFile Name : 162SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.35   | 5.36    | 5.82    | 10.51      | 81.11   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.04    | 0.05       | 9.29    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.32    | 0.32    | 0.31       | 5.03    | ppb   |
| Barium     | 135-1 | 16.47   | 16.82   | 16.73   | 16.67      | 1.11    | ppb   |
| Barium     | 137-1 | 16.53   | 17.03   | 16.82   | 16.79      | 1.50    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 2817.29 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.44    | 4.19    | 4.15    | 4.26       | 3.72    | ppb   |
| Boron      | 11-1  | 4.29    | 4.33    | 4.75    | 4.46       | 5.69    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.11   | -0.06   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.54   | -1.52   | -0.83   | -1.30      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.01    | 0.05    | 0.04       | 66.23   | ppb   |
| Calcium    | 43-1  | 5353.51 | 5368.27 | 5316.38 | 5346.05    | 0.50    | ppb   |
| Calcium    | 44-1  | 5420.63 | 5477.65 | 5397.02 | 5431.77    | 0.76    | ppb   |
| Chromium   | 52-2  | 0.01    | -0.01   | -0.03   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 38.28   | ppb   |
| Copper     | 63-2  | 114.80  | 116.61  | 116.19  | 115.87     | 0.82    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 19.17   | 18.92   | 18.67   | 18.92      | 1.30    | ppb   |
| Iron       | 57-2  | 25.39   | 24.09   | 24.00   | 24.49      | 3.18    | ppb   |
| Lead       | 206-1 | 0.30    | 0.33    | 0.30    | 0.31       | 5.19    | ppb   |
| Lead       | 207-1 | 0.29    | 0.28    | 0.30    | 0.29       | 2.99    | ppb   |
| Lead       | 208-1 | 0.29    | 0.30    | 0.29    | 0.29       | 1.29    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1160.96 | 1152.43 | 1160.54 | 1157.97    | 0.42    | ppb   |
| Manganese  | 55-2  | 9.76    | 9.88    | 10.06   | 9.90       | 1.55    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-42-FL1-BRS2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:09:09   | DataFile Name :   | 162SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.02     | 0.02       | 54.98   | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.01     | 0.02     | 0.02       | 46.50   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.00     | 0.02     | 0.02       | 66.30   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03     | 0.02     | 0.03       | 19.88   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02     | 0.03     | 0.02       | 23.65   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.68     | 0.66     | 0.69     | 0.67       | 2.62    | ppb   |
| Phosphorus | 31-2  | 671.85   | 639.77   | 669.61   | 660.41     | 2.71    | ppb   |
| Potassium  | 39-2  | 541.71   | 536.16   | 549.34   | 542.40     | 1.22    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | -0.27    | -0.27      |         | ppb   |
| Selenium   | 78-2  | 0.10     | -0.23    | -0.15    | -0.09      |         | ppb   |
| Selenium   | 82-1  | 0.17     | -0.03    | 0.34     | 0.16       | 113.37  | ppb   |
| Silicon    | 28-1  | 1015.86  | 1028.56  | 1030.07  | 1024.83    | 0.76    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 11.39   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.01     | 0.02       | 11.91   | ppb   |
| Sodium     | 23-2  | 10604.24 | 10548.45 | 10769.37 | 10640.68   | 1.08    | ppb   |
| Strontium  | 86-1  | 19.31    | 18.84    | 18.48    | 18.88      | 2.21    | ppb   |
| Strontium  | 88-1  | 19.41    | 19.10    | 19.09    | 19.20      | 0.94    | ppb   |
| Sulfur     | 34-1  | 564.22   | 612.37   | 655.16   | 610.58     | 7.45    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 17.72   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 6.07    | ppb   |
| Tin        | 118-1 | -0.07    | -0.07    | -0.06    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.27     | 0.36     | 0.23     | 0.29       | 22.97   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 10.85   | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.08     | 0.08     | 0.08       | 3.54    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 26.97    | 27.54    | 27.39    | 27.30      | 1.07    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.01     | 0.02       | 9.71    | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-42-FL1-BRS2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:09:09   | DataFile Name :   | 162SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.01    | 0.02       | 23.88   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-09 Instrumnet Name : P7  
 Client Sample ID : DC25820-45-FL1-BRD-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:12:34 DataFile Name : 163SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.51    | 10.94   | 6.62    | 8.02       | 31.50   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 2.68    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.25    | 0.25    | 0.27       | 10.49   | ppb   |
| Barium     | 135-1 | 16.27   | 16.17   | 15.68   | 16.04      | 1.97    | ppb   |
| Barium     | 137-1 | 15.82   | 16.11   | 15.69   | 15.87      | 1.36    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 305.76  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.53    | 4.72    | 4.33    | 4.19       | 14.43   | ppb   |
| Boron      | 11-1  | 4.73    | 5.02    | 4.74    | 4.83       | 3.43    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.68   | -0.83   | -0.99   | -0.83      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.07    | 0.05    | 0.04       | 101.09  | ppb   |
| Calcium    | 43-1  | 5189.15 | 5234.17 | 5155.53 | 5192.95    | 0.76    | ppb   |
| Calcium    | 44-1  | 5246.86 | 5305.58 | 5264.28 | 5272.24    | 0.57    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.03    | 0.03    | 0.03       | 12.69   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 11.92   | ppb   |
| Copper     | 63-2  | 32.42   | 32.54   | 32.77   | 32.57      | 0.56    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.33   | 21.02   | 21.56   | 21.30      | 1.28    | ppb   |
| Iron       | 57-2  | 25.12   | 27.89   | 24.03   | 25.68      | 7.75    | ppb   |
| Lead       | 206-1 | 0.21    | 0.20    | 0.21    | 0.21       | 3.29    | ppb   |
| Lead       | 207-1 | 0.21    | 0.18    | 0.19    | 0.19       | 5.81    | ppb   |
| Lead       | 208-1 | 0.20    | 0.19    | 0.20    | 0.20       | 1.88    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1130.18 | 1116.82 | 1129.20 | 1125.40    | 0.66    | ppb   |
| Manganese  | 55-2  | 12.20   | 12.09   | 12.05   | 12.12      | 0.64    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-45-FL1-BRD-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:12:34  | DataFile Name :   | 163SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.02     | 0.02       | 20.69   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.01     | 0.01     | 0.01       | 34.13   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.02     | 0.02       | 11.33   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.03     | 0.02     | 0.03       | 26.62   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.04     | 0.02     | 0.03       | 47.52   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.33     | 0.32     | 0.37     | 0.34       | 8.01    | ppb   |
| Phosphorus | 31-2  | 666.67   | 612.21   | 637.46   | 638.78     | 4.27    | ppb   |
| Potassium  | 39-2  | 516.06   | 513.67   | 519.40   | 516.38     | 0.56    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.01    | -0.01    | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.17     | 0.44     | 0.72     | 0.44       | 62.24   | ppb   |
| Selenium   | 82-1  | 0.11     | -0.45    | -0.07    | -0.14      |         | ppb   |
| Silicon    | 28-1  | 975.99   | 1012.23  | 995.40   | 994.54     | 1.82    | ppb   |
| Silver     | 109-1 | 0.01     | 0.00     | 0.01     | 0.01       | 28.19   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 120.19  | ppb   |
| Sodium     | 23-2  | 10356.36 | 10275.08 | 10383.85 | 10338.43   | 0.55    | ppb   |
| Strontium  | 86-1  | 18.07    | 17.83    | 18.10    | 18.00      | 0.81    | ppb   |
| Strontium  | 88-1  | 18.56    | 18.50    | 18.31    | 18.46      | 0.69    | ppb   |
| Sulfur     | 34-1  | 815.76   | 925.57   | 884.84   | 875.39     | 6.34    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02     | 0.01       | 12.20   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.02     | 0.01       | 10.00   | ppb   |
| Tin        | 118-1 | -0.05    | -0.05    | -0.05    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.27     | 0.36     | 0.39     | 0.34       | 17.72   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 6.02    | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.07     | 0.09     | 0.07       | 22.49   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 16.56    | 16.76    | 16.92    | 16.75      | 1.08    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02     | 0.02     | 0.02       | 28.09   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-45-FL1-BRD-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:12:34  | DataFile Name :   | 163SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.02    | 0.02       | 26.95   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-010 Instrumnet Name : P7  
 Client Sample ID : DC25820-37-FL1-BRS1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:16:00 DataFile Name : 164SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.49    | 5.82    | 6.18    | 6.50       | 13.61   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.05    | 0.04       | 7.11    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.30    | 0.30    | 0.29       | 4.73    | ppb   |
| Barium     | 135-1 | 15.98   | 15.76   | 15.61   | 15.78      | 1.18    | ppb   |
| Barium     | 137-1 | 15.76   | 15.87   | 16.04   | 15.89      | 0.87    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 98.60   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.06    | 4.40    | 4.16    | 4.21       | 4.19    | ppb   |
| Boron      | 11-1  | 4.64    | 4.27    | 4.34    | 4.42       | 4.45    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.05   | -0.05   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.98   | -0.72   | -0.71   | -0.80      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.05    | 0.06    | 0.06       | 13.57   | ppb   |
| Calcium    | 43-1  | 5235.72 | 5272.95 | 5258.77 | 5255.82    | 0.36    | ppb   |
| Calcium    | 44-1  | 5295.85 | 5333.48 | 5346.18 | 5325.17    | 0.49    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 20.59   | ppb   |
| Copper     | 63-2  | 31.75   | 30.55   | 31.20   | 31.17      | 1.92    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.65   | 20.40   | 21.18   | 21.08      | 3.00    | ppb   |
| Iron       | 57-2  | 25.42   | 25.97   | 26.73   | 26.04      | 2.51    | ppb   |
| Lead       | 206-1 | 0.21    | 0.21    | 0.22    | 0.21       | 3.53    | ppb   |
| Lead       | 207-1 | 0.18    | 0.19    | 0.19    | 0.19       | 3.11    | ppb   |
| Lead       | 208-1 | 0.19    | 0.20    | 0.21    | 0.20       | 3.22    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1138.38 | 1108.72 | 1132.51 | 1126.54    | 1.39    | ppb   |
| Manganese  | 55-2  | 12.17   | 11.87   | 12.42   | 12.15      | 2.29    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-010 Instrumnet Name : P7  
 Client Sample ID : DC25820-37-FL1-BRS1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:16:00 DataFile Name : 164SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.01     | 0.01       | 53.05   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.03     | 0.02       | 13.62   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.02     | 0.02     | 0.02       | 54.76   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.03     | 0.04     | 0.04       | 21.38   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 9.17    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.35     | 0.30     | 0.32     | 0.32       | 7.42    | ppb   |
| Phosphorus | 31-2  | 670.50   | 654.29   | 651.03   | 658.61     | 1.58    | ppb   |
| Potassium  | 39-2  | 532.74   | 512.34   | 522.89   | 522.65     | 1.95    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.01    | -0.27    | -0.02    | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.24     | 0.15     | 0.55     | 0.31       | 67.89   | ppb   |
| Selenium   | 82-1  | 0.41     | 0.30     | 0.73     | 0.48       | 47.65   | ppb   |
| Silicon    | 28-1  | 989.94   | 1016.46  | 1034.54  | 1013.65    | 2.21    | ppb   |
| Silver     | 109-1 | 0.00     | 0.01     | 0.01     | 0.00       | 59.55   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 6.60    | ppb   |
| Sodium     | 23-2  | 10284.05 | 10057.62 | 10430.23 | 10257.30   | 1.83    | ppb   |
| Strontium  | 86-1  | 18.29    | 18.12    | 18.02    | 18.14      | 0.77    | ppb   |
| Strontium  | 88-1  | 18.38    | 18.50    | 18.42    | 18.43      | 0.33    | ppb   |
| Sulfur     | 34-1  | 598.64   | 709.99   | 751.72   | 686.79     | 11.52   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 12.43   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 2.29    | ppb   |
| Tin        | 118-1 | -0.07    | -0.07    | -0.07    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.33     | 0.34     | 0.31     | 0.33       | 4.58    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 24.45   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.08     | 0.10     | 0.08       | 16.62   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 14.29    | 14.26    | 14.29    | 14.28      | 0.11    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 4.59    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-010             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-37-FL1-BRS1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:16:00   | DataFile Name :   | 164SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.02       | 44.56   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV79               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV79               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:19:25 | DataFile Name :   | 165SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.58    | 1.64    | 2.70    | 1.97       | 32.11   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.00    | 0.00       | 32.07   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.00    | 0.00       | 192.42  | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.01    | 0.00    | 0.00       | 24.29   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.52    | 0.65    | 0.47    | 0.55       | 17.56   | ppb   |
| Boron      | 11-1  | 0.51    | 0.73    | 0.59    | 0.61       | 18.25   | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.07   | -0.05   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | 0.11    | -0.90   | -0.62   | -0.47      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.02    | 0.01    | 0.02       | 60.52   | ppb   |
| Calcium    | 43-1  | 12.74   | 13.52   | 14.76   | 13.67      | 7.43    | ppb   |
| Calcium    | 44-1  | 17.68   | 18.39   | 17.17   | 17.75      | 3.44    | ppb   |
| Chromium   | 52-2  | 0.01    | -0.03   | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.06    | 0.07    | 0.06       | 19.87   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.55    | 0.52    | 0.64    | 0.57       | 10.92   | ppb   |
| Iron       | 57-2  | -0.02   | 0.21    | 1.09    | 0.43       | 136.10  | ppb   |
| Lead       | 206-1 | 521.48  | 519.35  | 526.56  | 522.46     | 0.71    | ppb   |
| Lead       | 207-1 | 494.63  | 519.94  | 521.87  | 512.15     | 2.97    | ppb   |
| Lead       | 208-1 | 514.48  | 520.77  | 522.46  | 519.23     | 0.81    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.02   | 0.18    | 0.16    | 0.11       | 103.82  | ppb   |
| Manganese  | 55-2  | 0.05    | 0.04    | 0.07    | 0.05       | 27.69   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV79               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV79               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:19:25 | DataFile Name :   | 165SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.02    | 0.01    | 0.01       | 84.55   | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.00    | 0.01       | 63.20   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.00    | 0.01    | 0.00       | 222.95  | ppb   |
| Phosphorus | 31-2  | -9.25   | -18.52  | -10.57  | -12.78     |         | ppb   |
| Potassium  | 39-2  | 5.18    | 4.08    | 10.36   | 6.54       | 51.24   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | 0.25    | -0.27   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.06    | 0.34    | 0.02    | 0.14       | 124.74  | ppb   |
| Selenium   | 82-1  | -0.14   | -0.52   | 0.04    | -0.21      |         | ppb   |
| Silicon    | 28-1  | 0.28    | 0.05    | 0.06    | 0.13       | 101.31  | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 21.17   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 162.53  | ppb   |
| Sodium     | 23-2  | 21.47   | 20.23   | 22.54   | 21.42      | 5.40    | ppb   |
| Strontium  | 86-1  | 0.06    | 0.02    | 0.00    | 0.02       | 127.43  | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -139.86 | -185.88 | -219.23 | -181.66    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.76   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.01    | 0.02       | 7.33    | ppb   |
| Tin        | 118-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.03    | 0.05    | -0.02   | 0.02       | 180.00  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.01    | 0.01       | 8.04    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.37    | 0.38    | 0.39    | 0.38       | 3.11    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.01    | 0.00    | 0.00       | 218.64  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV79               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV79               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:19:25 | DataFile Name :   | 165SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.00    | 0.00       | 179.63  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB79               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB79               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:22:51 | DataFile Name :   | 166SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | -0.02   | -0.37   | 0.37    | -0.01      |          | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |          | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | -0.01   | -0.01      |          | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | -0.01   | -0.01      |          | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.01    | 0.00       | 98.04    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |          | ppb   |
| Bismuth    | 209-1 |         |         |         |            |          | %     |
| Bismuth    | 209-2 |         |         |         |            |          | %     |
| Boron      | 10-1  | 0.20    | 0.30    | 0.23    | 0.24       | 21.35    | ppb   |
| Boron      | 11-1  | 0.28    | 0.25    | 0.23    | 0.25       | 9.81     | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.06   | -0.06   | -0.06      |          | ppb   |
| Cadmium    | 106-1 | -0.70   | -0.88   | -0.82   | -0.80      |          | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.05    | -0.02   | 0.02       | 159.59   | ppb   |
| Calcium    | 43-1  | 1.00    | 0.61    | 0.54    | 0.72       | 34.68    | ppb   |
| Calcium    | 44-1  | 3.40    | 3.34    | 2.87    | 3.20       | 9.07     | ppb   |
| Chromium   | 52-2  | 0.01    | -0.01   | -0.02   | -0.01      |          | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | -0.01   | -0.01      |          | ppb   |
| Copper     | 63-2  | 0.04    | 0.04    | 0.03    | 0.03       | 19.97    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         |            |          | %     |
| Holmium    | 165-2 |         |         |         |            |          | %     |
| Indium     | 115-1 |         |         |         |            |          | %     |
| Indium     | 115-2 |         |         |         |            |          | %     |
| Iron       | 56-2  | 0.07    | 0.10    | 0.05    | 0.07       | 37.53    | ppb   |
| Iron       | 57-2  | -0.29   | -0.06   | 0.36    | 0.00       | 17402.21 | ppb   |
| Lead       | 206-1 | 0.03    | 0.04    | 0.05    | 0.04       | 16.45    | ppb   |
| Lead       | 207-1 | 0.05    | 0.03    | 0.04    | 0.04       | 20.84    | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 10.48    | ppb   |
| Lithium    | 6-1   |         |         |         |            |          | %     |
| Magnesium  | 24-2  | 0.00    | 0.07    | 0.01    | 0.03       | 138.16   | ppb   |
| Manganese  | 55-2  | 0.02    | 0.01    | 0.00    | 0.01       | 96.98    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB79               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB79               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:22:51 | DataFile Name :   | 166SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.01    | 0.01    | 0.00       | 430.40  | ppb   |
| Phosphorus | 31-2  | -11.94  | -14.60  | -13.07  | -13.20     |         | ppb   |
| Potassium  | 39-2  | 2.96    | 3.43    | 3.63    | 3.34       | 10.23   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | 0.26    | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.19    | 0.90    | 0.55    | 0.54       | 65.46   | ppb   |
| Selenium   | 82-1  | -0.10   | 0.33    | 0.44    | 0.23       | 127.64  | ppb   |
| Silicon    | 28-1  | -2.50   | -1.69   | -2.07   | -2.08      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 130.76  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 19.97   | 19.82   | 18.84   | 19.54      | 3.14    | ppb   |
| Strontium  | 86-1  | 0.03    | 0.04    | 0.04    | 0.03       | 13.98   | ppb   |
| Strontium  | 88-1  | 0.01    | 0.00    | 0.00    | 0.00       | 111.56  | ppb   |
| Sulfur     | 34-1  | -205.50 | -160.23 | -216.05 | -193.92    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 28.55   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 10.13   | ppb   |
| Tin        | 118-1 | -0.01   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.00    | -0.04   | -0.03   | -0.02      |         | ppb   |
| Uranium    | 238-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 181.95  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.14    | 0.14    | 0.11    | 0.13       | 11.87   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB79               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB79               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:22:51 | DataFile Name :   | 166SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-11 Instrumnet Name : P7  
 Client Sample ID : DC25820-47-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:26:18 DataFile Name : 167SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.95    | 6.67    | 4.31    | 5.64       | 21.44   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.08    | 0.09    | 0.08       | 11.01   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.28    | 0.26    | 0.25       | 9.35    | ppb   |
| Barium     | 135-1 | 16.37   | 16.07   | 16.57   | 16.34      | 1.54    | ppb   |
| Barium     | 137-1 | 16.29   | 16.24   | 16.62   | 16.38      | 1.24    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.01    | 0.01       | 115.69  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.46    | 5.34    | 5.56    | 5.12       | 11.41   | ppb   |
| Boron      | 11-1  | 5.08    | 5.45    | 5.16    | 5.23       | 3.67    | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.06   | -0.01   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.01   | -1.18   | -0.37   | -0.52      |         | ppb   |
| Cadmium    | 108-1 | 0.13    | 0.16    | 0.23    | 0.17       | 28.96   | ppb   |
| Calcium    | 43-1  | 5363.50 | 5228.41 | 5263.56 | 5285.15    | 1.33    | ppb   |
| Calcium    | 44-1  | 5492.33 | 5408.03 | 5299.44 | 5399.93    | 1.79    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.02    | 0.02    | 0.03       | 38.38   | ppb   |
| Cobalt     | 59-2  | 0.06    | 0.06    | 0.06    | 0.06       | 0.50    | ppb   |
| Copper     | 63-2  | 376.15  | 379.94  | 381.88  | 379.32     | 0.77    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 51.29   | 51.45   | 52.04   | 51.59      | 0.77    | ppb   |
| Iron       | 57-2  | 55.74   | 54.67   | 61.16   | 57.19      | 6.08    | ppb   |
| Lead       | 206-1 | 1.25    | 1.23    | 1.24    | 1.24       | 0.71    | ppb   |
| Lead       | 207-1 | 1.16    | 1.15    | 1.14    | 1.15       | 0.91    | ppb   |
| Lead       | 208-1 | 1.20    | 1.19    | 1.18    | 1.19       | 0.83    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1159.65 | 1180.32 | 1183.13 | 1174.37    | 1.09    | ppb   |
| Manganese  | 55-2  | 12.12   | 12.19   | 12.51   | 12.27      | 1.69    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-47-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:26:18  | DataFile Name :   | 167SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.02     | 0.02       | 16.16   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.02     | 0.02       | 11.99   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.02     | 0.02       | 20.34   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03     | 0.03     | 0.03       | 12.17   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 14.03   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.76     | 3.80     | 3.86     | 3.80       | 1.28    | ppb   |
| Phosphorus | 31-2  | 562.63   | 584.53   | 574.79   | 573.99     | 1.91    | ppb   |
| Potassium  | 39-2  | 547.77   | 553.66   | 555.62   | 552.35     | 0.74    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.24     | 0.49     | -0.27    | 0.15       | 249.75  | ppb   |
| Selenium   | 78-2  | -0.37    | -0.39    | -0.01    | -0.26      |         | ppb   |
| Selenium   | 82-1  | 0.27     | 0.37     | 0.00     | 0.21       | 88.37   | ppb   |
| Silicon    | 28-1  | 1058.48  | 1037.73  | 1040.39  | 1045.53    | 1.08    | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.02     | 0.02       | 14.79   | ppb   |
| Silver     | 107-1 | 0.02     | 0.03     | 0.03     | 0.03       | 20.48   | ppb   |
| Sodium     | 23-2  | 10429.28 | 10647.79 | 10694.12 | 10590.40   | 1.34    | ppb   |
| Strontium  | 86-1  | 18.83    | 18.19    | 18.24    | 18.42      | 1.94    | ppb   |
| Strontium  | 88-1  | 19.03    | 18.82    | 18.86    | 18.91      | 0.58    | ppb   |
| Sulfur     | 34-1  | 817.37   | 712.29   | 810.85   | 780.17     | 7.55    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.02     | 0.02       | 13.01   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 9.99    | ppb   |
| Tin        | 118-1 | 0.05     | 0.05     | 0.08     | 0.06       | 25.65   | ppb   |
| Titanium   | 47-1  | 0.29     | 0.35     | 0.31     | 0.32       | 10.69   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 15.97   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.08     | 0.08     | 0.07       | 24.14   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 381.82   | 385.26   | 392.51   | 386.53     | 1.41    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 14.73   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-47-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:26:18  | DataFile Name :   | 167SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.02    | 0.03       | 25.66   | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-12 Instrumnet Name : P7  
 Client Sample ID : DC25820-48-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:29:43 DataFile Name : 168SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.39    | 5.72    | 6.20    | 5.77       | 7.05    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 2.46    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.21    | 0.26    | 0.24       | 12.35   | ppb   |
| Barium     | 135-1 | 15.98   | 15.59   | 15.80   | 15.79      | 1.26    | ppb   |
| Barium     | 137-1 | 15.95   | 15.90   | 16.25   | 16.03      | 1.16    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.00       | 281.06  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.75    | 4.17    | 4.14    | 4.02       | 5.78    | ppb   |
| Boron      | 11-1  | 4.05    | 4.38    | 4.51    | 4.31       | 5.50    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.08   | -0.03   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.24   | -1.07   | -0.34   | -0.55      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.04    | 0.09    | 0.05       | 60.12   | ppb   |
| Calcium    | 43-1  | 5302.81 | 5317.38 | 5292.58 | 5304.25    | 0.23    | ppb   |
| Calcium    | 44-1  | 5434.04 | 5339.99 | 5331.99 | 5368.67    | 1.06    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.02    | 0.01    | 0.03       | 68.22   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 29.98   | ppb   |
| Copper     | 63-2  | 32.73   | 33.12   | 33.31   | 33.06      | 0.90    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.18   | 22.64   | 22.01   | 22.28      | 1.47    | ppb   |
| Iron       | 57-2  | 28.04   | 26.36   | 30.19   | 28.20      | 6.80    | ppb   |
| Lead       | 206-1 | 0.16    | 0.17    | 0.16    | 0.16       | 2.85    | ppb   |
| Lead       | 207-1 | 0.16    | 0.17    | 0.17    | 0.16       | 3.09    | ppb   |
| Lead       | 208-1 | 0.15    | 0.16    | 0.16    | 0.16       | 3.48    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1148.21 | 1156.23 | 1140.93 | 1148.46    | 0.67    | ppb   |
| Manganese  | 55-2  | 12.19   | 12.33   | 12.19   | 12.24      | 0.67    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-12 Instrumnet Name : P7  
 Client Sample ID : DC25820-48-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:29:43 DataFile Name : 168SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.02     | 0.02       | 36.00   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.02     | 0.02     | 0.02       | 35.89   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03     | 0.01     | 0.02       | 61.44   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03     | 0.03     | 0.03       | 4.17    | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02     | 0.02     | 0.02       | 26.79   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.23     | 0.22     | 0.27     | 0.24       | 11.03   | ppb   |
| Phosphorus | 31-2  | 615.10   | 631.43   | 690.19   | 645.57     | 6.12    | ppb   |
| Potassium  | 39-2  | 525.14   | 539.64   | 530.09   | 531.62     | 1.39    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.02    | 0.24     | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.43     | 0.14     | 0.52     | 0.37       | 53.55   | ppb   |
| Selenium   | 82-1  | 0.73     | 0.20     | 0.92     | 0.61       | 61.12   | ppb   |
| Silicon    | 28-1  | 1012.45  | 988.10   | 996.11   | 998.89     | 1.24    | ppb   |
| Silver     | 109-1 | 0.01     | 0.00     | 0.01     | 0.01       | 45.13   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 9.02    | ppb   |
| Sodium     | 23-2  | 10391.17 | 10610.45 | 10504.96 | 10502.20   | 1.04    | ppb   |
| Strontium  | 86-1  | 18.43    | 18.79    | 18.41    | 18.54      | 1.14    | ppb   |
| Strontium  | 88-1  | 18.52    | 18.76    | 18.59    | 18.62      | 0.66    | ppb   |
| Sulfur     | 34-1  | 675.20   | 710.03   | 700.79   | 695.34     | 2.60    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.01     | 0.02       | 12.25   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 32.35   | ppb   |
| Tin        | 118-1 | -0.08    | -0.07    | -0.07    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.34     | 0.36     | 0.25     | 0.32       | 17.61   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.01     | 0.01     | 0.01       | 38.68   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.06     | 0.07     | 0.07       | 4.93    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 9.92     | 10.10    | 10.36    | 10.13      | 2.22    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.03     | 0.02     | 0.02       | 22.54   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-48-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:29:43  | DataFile Name :   | 168SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.05    | 0.03       | 52.32   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-13 Instrumnet Name : P7  
 Client Sample ID : DC25820-49-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:33:07 DataFile Name : 169SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.74   | 19.00   | 19.86   | 19.20      | 3.06    | ppb   |
| Antimony   | 121-1 | 0.10    | 0.10    | 0.10    | 0.10       | 3.25    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.22    | 0.27    | 0.25       | 10.95   | ppb   |
| Barium     | 135-1 | 14.07   | 14.28   | 13.67   | 14.00      | 2.22    | ppb   |
| Barium     | 137-1 | 14.16   | 14.10   | 14.10   | 14.12      | 0.25    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 8.33    | 7.79    | 10.56   | 8.90       | 16.49   | ppb   |
| Boron      | 11-1  | 9.12    | 9.05    | 9.78    | 9.31       | 4.31    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.03   | -0.04   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.12   | -0.66   | -0.77   | -0.52      |         | ppb   |
| Cadmium    | 108-1 | 0.11    | 0.04    | 0.08    | 0.07       | 47.79   | ppb   |
| Calcium    | 43-1  | 5254.48 | 5240.37 | 5239.24 | 5244.70    | 0.16    | ppb   |
| Calcium    | 44-1  | 5310.09 | 5446.70 | 5393.10 | 5383.30    | 1.28    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.04    | 0.04    | 0.03       | 21.62   | ppb   |
| Cobalt     | 59-2  | 0.19    | 0.20    | 0.20    | 0.20       | 2.13    | ppb   |
| Copper     | 63-2  | 220.93  | 228.13  | 225.37  | 224.81     | 1.62    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 202.51  | 206.75  | 206.76  | 205.34     | 1.20    | ppb   |
| Iron       | 57-2  | 205.46  | 214.11  | 217.60  | 212.39     | 2.94    | ppb   |
| Lead       | 206-1 | 1.89    | 1.83    | 1.84    | 1.85       | 1.75    | ppb   |
| Lead       | 207-1 | 1.71    | 1.73    | 1.70    | 1.71       | 0.67    | ppb   |
| Lead       | 208-1 | 1.79    | 1.79    | 1.78    | 1.79       | 0.31    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1419.17 | 1444.75 | 1443.05 | 1435.66    | 1.00    | ppb   |
| Manganese  | 55-2  | 21.67   | 22.17   | 22.31   | 22.05      | 1.53    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-49-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:33:07  | DataFile Name :   | 169SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03     | 0.03     | 0.03       | 19.15   | ppb   |
| Molybdenum | 95-1  | 0.05     | 0.06     | 0.05     | 0.05       | 8.06    | ppb   |
| Molybdenum | 96-1  | 0.04     | 0.05     | 0.05     | 0.05       | 17.37   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.08     | 0.10     | 0.07       | 45.94   | ppb   |
| Molybdenum | 98-1  | 0.05     | 0.08     | 0.06     | 0.06       | 23.94   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.58     | 4.56     | 4.55     | 4.56       | 0.30    | ppb   |
| Phosphorus | 31-2  | 491.39   | 502.59   | 583.22   | 525.73     | 9.53    | ppb   |
| Potassium  | 39-2  | 521.60   | 539.80   | 537.40   | 532.94     | 1.86    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.24     | -0.01    | -0.27    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.12     | 0.40     | -0.30    | 0.07       | 484.69  | ppb   |
| Selenium   | 82-1  | 0.22     | 0.12     | 0.41     | 0.25       | 57.96   | ppb   |
| Silicon    | 28-1  | 1053.98  | 1066.86  | 1051.14  | 1057.33    | 0.79    | ppb   |
| Silver     | 109-1 | 0.03     | 0.03     | 0.02     | 0.02       | 14.15   | ppb   |
| Silver     | 107-1 | 0.02     | 0.03     | 0.03     | 0.03       | 7.83    | ppb   |
| Sodium     | 23-2  | 10128.75 | 10336.28 | 10332.39 | 10265.81   | 1.16    | ppb   |
| Strontium  | 86-1  | 17.83    | 17.99    | 18.17    | 18.00      | 0.92    | ppb   |
| Strontium  | 88-1  | 17.96    | 18.32    | 18.10    | 18.13      | 1.00    | ppb   |
| Sulfur     | 34-1  | 773.69   | 619.64   | 711.33   | 701.55     | 11.05   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.02     | 0.01       | 23.03   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 16.77   | ppb   |
| Tin        | 118-1 | 0.31     | 0.32     | 0.34     | 0.32       | 6.03    | ppb   |
| Titanium   | 47-1  | 0.22     | 0.27     | 0.26     | 0.25       | 10.82   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00     | 0.01     | 0.00       | 22.64   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06     | 0.07     | 0.06       | 17.46   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 113.83   | 116.49   | 114.31   | 114.88     | 1.23    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 4.19    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-49-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:33:07  | DataFile Name :   | 169SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.01    | 0.02       | 43.83   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-14 Instrumnet Name : P7  
 Client Sample ID : DC25820-50-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:36:33 DataFile Name : 170SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.88    | 8.05    | 7.55    | 7.83       | 3.22    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 5.45    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.23    | 0.21    | 0.23       | 9.86    | ppb   |
| Barium     | 135-1 | 14.19   | 13.88   | 14.34   | 14.13      | 1.65    | ppb   |
| Barium     | 137-1 | 14.12   | 14.24   | 14.12   | 14.16      | 0.48    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 8.84    | 9.08    | 9.48    | 9.13       | 3.57    | ppb   |
| Boron      | 11-1  | 8.88    | 9.85    | 9.45    | 9.39       | 5.22    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.69   | -0.61   | -0.74   | -0.68      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.02    | 0.06    | 0.04       | 46.97   | ppb   |
| Calcium    | 43-1  | 5245.86 | 5218.30 | 5215.40 | 5226.52    | 0.32    | ppb   |
| Calcium    | 44-1  | 5433.18 | 5331.60 | 5413.44 | 5392.74    | 1.00    | ppb   |
| Chromium   | 52-2  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.21    | 0.17    | 0.19    | 0.19       | 9.48    | ppb   |
| Copper     | 63-2  | 226.51  | 215.40  | 219.39  | 220.43     | 2.55    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 175.16  | 167.52  | 167.68  | 170.12     | 2.57    | ppb   |
| Iron       | 57-2  | 181.27  | 170.83  | 171.31  | 174.47     | 3.38    | ppb   |
| Lead       | 206-1 | 0.41    | 0.43    | 0.40    | 0.41       | 4.00    | ppb   |
| Lead       | 207-1 | 0.41    | 0.39    | 0.40    | 0.40       | 2.40    | ppb   |
| Lead       | 208-1 | 0.41    | 0.41    | 0.40    | 0.40       | 1.32    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1438.96 | 1375.44 | 1423.00 | 1412.46    | 2.34    | ppb   |
| Manganese  | 55-2  | 22.27   | 21.74   | 21.86   | 21.96      | 1.27    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-50-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:36:33  | DataFile Name :   | 170SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.01    | 0.01    | 0.01       | 28.91   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.01    | 0.02    | 0.02       | 31.86   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02    | 0.02    | 0.02       | 9.42    | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.03    | 0.01    | 0.02       | 39.18   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02    | 0.02    | 0.02       | 22.94   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.83     | 0.86    | 0.78    | 0.82       | 4.84    | ppb   |
| Phosphorus | 31-2  | 549.34   | 548.40  | 532.74  | 543.50     | 1.72    | ppb   |
| Potassium  | 39-2  | 529.58   | 502.05  | 510.21  | 513.95     | 2.75    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.02   | -0.02   | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.81     | -0.10   | -0.28   | 0.14       | 413.93  | ppb   |
| Selenium   | 82-1  | 0.25     | 0.12    | -0.03   | 0.11       | 125.15  | ppb   |
| Silicon    | 28-1  | 1067.13  | 1088.01 | 1053.67 | 1069.61    | 1.62    | ppb   |
| Silver     | 109-1 | 0.01     | 0.00    | 0.01    | 0.01       | 32.10   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.01    | 0.01       | 13.73   | ppb   |
| Sodium     | 23-2  | 10433.72 | 9881.18 | 9947.52 | 10087.47   | 2.99    | ppb   |
| Strontium  | 86-1  | 17.97    | 17.97   | 18.24   | 18.06      | 0.87    | ppb   |
| Strontium  | 88-1  | 18.29    | 18.13   | 18.18   | 18.20      | 0.43    | ppb   |
| Sulfur     | 34-1  | 586.56   | 639.88  | 600.10  | 608.84     | 4.55    | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01    | 0.01    | 0.01       | 11.55   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.01    | 0.01       | 9.65    | ppb   |
| Tin        | 118-1 | -0.05    | -0.05   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.28     | 0.24    | 0.33    | 0.28       | 15.09   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01    | 0.00    | 0.01       | 19.38   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05    | 0.07    | 0.06       | 17.90   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 12.64    | 11.53   | 11.96   | 12.04      | 4.66    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02    | 0.01    | 0.02       | 20.42   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-50-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:36:33  | DataFile Name :   | 170SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.03    | 0.02       | 32.49   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-15 Instrumnet Name : P7  
 Client Sample ID : DC25820-51-FL1-CL5-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:39:58 DataFile Name : 171SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.48   | 17.45   | 17.22   | 17.72      | 3.78    | ppb   |
| Antimony   | 121-1 | 1.33    | 1.31    | 1.33    | 1.32       | 1.04    | ppb   |
| Arsenic    | 75-2  | 0.35    | 0.38    | 0.40    | 0.38       | 6.08    | ppb   |
| Barium     | 135-1 | 26.19   | 26.30   | 25.49   | 25.99      | 1.68    | ppb   |
| Barium     | 137-1 | 26.08   | 25.56   | 25.59   | 25.74      | 1.15    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.16    | 6.64    | 7.35    | 7.05       | 5.25    | ppb   |
| Boron      | 11-1  | 6.88    | 7.33    | 7.09    | 7.10       | 3.18    | ppb   |
| Cadmium    | 111-1 | 0.08    | 0.09    | 0.08    | 0.08       | 5.53    | ppb   |
| Cadmium    | 106-1 | -0.22   | 0.00    | -0.01   | -0.08      |         | ppb   |
| Cadmium    | 108-1 | 0.49    | 0.34    | 0.37    | 0.40       | 20.14   | ppb   |
| Calcium    | 43-1  | 6709.38 | 6760.34 | 6827.27 | 6765.66    | 0.87    | ppb   |
| Calcium    | 44-1  | 6861.47 | 6950.03 | 6878.15 | 6896.55    | 0.68    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.51    | 0.49    | 0.47    | 0.49       | 3.63    | ppb   |
| Copper     | 63-2  | 295.42  | 295.89  | 293.46  | 294.92     | 0.44    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 92.80   | 93.65   | 98.93   | 95.13      | 3.49    | ppb   |
| Iron       | 57-2  | 96.55   | 104.42  | 101.58  | 100.85     | 3.95    | ppb   |
| Lead       | 206-1 | 5.70    | 5.61    | 5.65    | 5.65       | 0.82    | ppb   |
| Lead       | 207-1 | 5.31    | 5.25    | 5.18    | 5.25       | 1.17    | ppb   |
| Lead       | 208-1 | 5.52    | 5.42    | 5.43    | 5.46       | 0.95    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1428.08 | 1443.28 | 1432.35 | 1434.57    | 0.55    | ppb   |
| Manganese  | 55-2  | 75.89   | 77.39   | 76.78   | 76.69      | 0.99    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-51-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:39:58  | DataFile Name :   | 171SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03     | 0.02     | 0.02       | 21.16   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.03     | 0.02     | 0.03       | 17.36   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03     | 0.03     | 0.02       | 15.18   | ppb   |
| Molybdenum | 97-1  | 0.05     | 0.03     | 0.02     | 0.03       | 36.63   | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.03     | 0.03     | 0.03       | 10.85   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 88.91    | 89.16    | 87.99    | 88.69      | 0.69    | ppb   |
| Phosphorus | 31-2  | 359.62   | 370.25   | 409.60   | 379.82     | 6.93    | ppb   |
| Potassium  | 39-2  | 603.15   | 602.89   | 599.48   | 601.84     | 0.34    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.01    | -0.27    | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.54     | 0.56     | 0.04     | 0.38       | 78.26   | ppb   |
| Selenium   | 82-1  | 0.48     | 0.34     | 0.41     | 0.41       | 16.67   | ppb   |
| Silicon    | 28-1  | 1001.08  | 1005.03  | 1007.32  | 1004.48    | 0.31    | ppb   |
| Silver     | 109-1 | 0.10     | 0.11     | 0.11     | 0.11       | 5.20    | ppb   |
| Silver     | 107-1 | 0.11     | 0.11     | 0.11     | 0.11       | 3.45    | ppb   |
| Sodium     | 23-2  | 10729.01 | 10875.74 | 10833.96 | 10812.90   | 0.70    | ppb   |
| Strontium  | 86-1  | 23.81    | 23.76    | 23.82    | 23.80      | 0.13    | ppb   |
| Strontium  | 88-1  | 24.14    | 24.20    | 24.41    | 24.25      | 0.59    | ppb   |
| Sulfur     | 34-1  | 696.58   | 870.34   | 803.14   | 790.02     | 11.09   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.04     | 0.03     | 0.04     | 0.04       | 11.36   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.04     | 0.03     | 0.03       | 2.67    | ppb   |
| Tin        | 118-1 | 2.29     | 2.24     | 2.30     | 2.28       | 1.56    | ppb   |
| Titanium   | 47-1  | 0.29     | 0.35     | 0.28     | 0.31       | 12.55   | ppb   |
| Uranium    | 238-1 | 0.04     | 0.05     | 0.04     | 0.04       | 5.03    | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.07     | 0.05     | 0.06       | 14.51   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1507.87  | 1510.21  | 1499.33  | 1505.80    | 0.38    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 6.85    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-51-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:39:58  | DataFile Name :   | 171SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.02    | 0.03       | 33.27   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-52-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:43:23  | DataFile Name :   | 172SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.99    | 7.40    | 6.33    | 6.24       | 19.35   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 3.32    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.26    | 0.24    | 0.25       | 3.03    | ppb   |
| Barium     | 135-1 | 15.93   | 15.76   | 15.78   | 15.82      | 0.60    | ppb   |
| Barium     | 137-1 | 15.97   | 16.08   | 15.84   | 15.96      | 0.73    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | 195.67  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.85    | 4.30    | 4.56    | 4.57       | 6.02    | ppb   |
| Boron      | 11-1  | 4.32    | 5.04    | 4.61    | 4.66       | 7.80    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.89   | -0.56   | -0.52   | -0.66      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.08    | 0.02    | 0.04       | 103.64  | ppb   |
| Calcium    | 43-1  | 5208.26 | 5224.03 | 5236.33 | 5222.87    | 0.27    | ppb   |
| Calcium    | 44-1  | 5371.20 | 5360.88 | 5263.31 | 5331.80    | 1.12    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.05    | 0.03    | 0.03       | 61.11   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 5.44    | ppb   |
| Copper     | 63-2  | 34.21   | 34.12   | 34.03   | 34.12      | 0.27    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.06   | 23.30   | 23.35   | 23.24      | 0.66    | ppb   |
| Iron       | 57-2  | 29.63   | 29.94   | 29.47   | 29.68      | 0.81    | ppb   |
| Lead       | 206-1 | 0.42    | 0.42    | 0.39    | 0.41       | 3.20    | ppb   |
| Lead       | 207-1 | 0.37    | 0.38    | 0.37    | 0.37       | 1.44    | ppb   |
| Lead       | 208-1 | 0.38    | 0.39    | 0.38    | 0.39       | 1.63    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1109.94 | 1120.29 | 1122.92 | 1117.71    | 0.61    | ppb   |
| Manganese  | 55-2  | 14.27   | 14.52   | 14.21   | 14.34      | 1.15    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-52-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:43:23  | DataFile Name :   | 172SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.01     | 0.02       | 29.21   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.02     | 0.01     | 0.01       | 18.13   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.01     | 0.01       | 23.56   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.03     | 0.02     | 0.02       | 21.01   | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.02     | 0.02     | 0.02       | 16.02   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.73     | 1.74     | 1.74     | 1.74       | 0.43    | ppb   |
| Phosphorus | 31-2  | 641.82   | 614.63   | 669.44   | 641.97     | 4.27    | ppb   |
| Potassium  | 39-2  | 520.03   | 522.09   | 527.13   | 523.08     | 0.70    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.02    | 0.23     | -0.27    | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.29     | 0.79     | 0.68     | 0.59       | 45.16   | ppb   |
| Selenium   | 82-1  | 0.52     | 0.45     | 0.16     | 0.37       | 51.21   | ppb   |
| Silicon    | 28-1  | 1003.60  | 1003.09  | 984.34   | 997.01     | 1.10    | ppb   |
| Silver     | 109-1 | 0.00     | 0.01     | 0.00     | 0.00       | 48.89   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.00     | 0.00       | 77.39   | ppb   |
| Sodium     | 23-2  | 10338.53 | 10271.96 | 10441.93 | 10350.81   | 0.83    | ppb   |
| Strontium  | 86-1  | 17.97    | 18.36    | 18.64    | 18.33      | 1.83    | ppb   |
| Strontium  | 88-1  | 18.19    | 18.38    | 18.52    | 18.36      | 0.91    | ppb   |
| Sulfur     | 34-1  | 734.72   | 748.87   | 750.43   | 744.67     | 1.16    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.01     | 0.01       | 39.68   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 19.37   | ppb   |
| Tin        | 118-1 | -0.06    | -0.05    | -0.05    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.33     | 0.32     | 0.37     | 0.34       | 7.38    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 5.88    | ppb   |
| Vanadium   | 51-2  | 0.09     | 0.08     | 0.07     | 0.08       | 12.06   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 36.82    | 36.47    | 36.60    | 36.63      | 0.48    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02     | 0.02     | 0.02       | 30.52   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-52-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:43:23  | DataFile Name :   | 172SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.03    | 0.03       | 7.69    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-17 Instrumnet Name : P7  
 Client Sample ID : DC25820-53-FL1-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:46:48 DataFile Name : 173SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.10   | 10.19   | 11.56   | 10.62      | 7.71    | ppb   |
| Antimony   | 121-1 | 0.08    | 0.08    | 0.08    | 0.08       | 1.53    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.32    | 0.29    | 0.29       | 11.58   | ppb   |
| Barium     | 135-1 | 19.78   | 20.00   | 19.98   | 19.92      | 0.61    | ppb   |
| Barium     | 137-1 | 20.08   | 19.96   | 19.94   | 19.99      | 0.37    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.18    | 4.38    | 4.30    | 4.29       | 2.38    | ppb   |
| Boron      | 11-1  | 4.62    | 4.91    | 5.04    | 4.85       | 4.47    | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.02    | -0.05   | 0.01       | 856.68  | ppb   |
| Cadmium    | 106-1 | 0.07    | -0.40   | -1.39   | -0.58      |         | ppb   |
| Cadmium    | 108-1 | 0.20    | 0.13    | 0.27    | 0.20       | 33.84   | ppb   |
| Calcium    | 43-1  | 5346.39 | 5303.48 | 5305.52 | 5318.46    | 0.46    | ppb   |
| Calcium    | 44-1  | 5463.26 | 5289.21 | 5453.45 | 5401.97    | 1.81    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | 0.02    | 0.01       | 180.11  | ppb   |
| Cobalt     | 59-2  | 0.27    | 0.29    | 0.31    | 0.29       | 6.90    | ppb   |
| Copper     | 63-2  | 148.21  | 149.35  | 156.15  | 151.24     | 2.84    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 60.69   | 60.92   | 64.45   | 62.02      | 3.40    | ppb   |
| Iron       | 57-2  | 65.22   | 67.93   | 70.29   | 67.81      | 3.75    | ppb   |
| Lead       | 206-1 | 4.66    | 4.71    | 4.52    | 4.63       | 2.09    | ppb   |
| Lead       | 207-1 | 4.26    | 4.30    | 4.18    | 4.25       | 1.45    | ppb   |
| Lead       | 208-1 | 4.44    | 4.45    | 4.34    | 4.41       | 1.41    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1128.66 | 1152.55 | 1184.28 | 1155.16    | 2.42    | ppb   |
| Manganese  | 55-2  | 29.03   | 28.92   | 30.18   | 29.38      | 2.37    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-53-FL1-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:46:48  | DataFile Name :   | 173SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.02     | 0.02       | 16.46   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.03     | 0.03     | 0.02       | 38.80   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.01     | 0.02     | 0.02       | 37.62   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.04     | 0.03     | 0.03       | 40.55   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.02     | 0.02       | 20.08   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 191.91   | 191.31   | 199.03   | 194.08     | 2.21    | ppb   |
| Phosphorus | 31-2  | 509.48   | 538.49   | 581.28   | 543.08     | 6.65    | ppb   |
| Potassium  | 39-2  | 535.29   | 538.32   | 551.85   | 541.82     | 1.63    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | 0.24     | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.07     | 0.85     | -0.15    | 0.26       | 205.11  | ppb   |
| Selenium   | 82-1  | 0.37     | 0.31     | 0.11     | 0.26       | 51.83   | ppb   |
| Silicon    | 28-1  | 1033.40  | 1026.83  | 1012.18  | 1024.14    | 1.06    | ppb   |
| Silver     | 109-1 | 0.04     | 0.05     | 0.04     | 0.04       | 8.46    | ppb   |
| Silver     | 107-1 | 0.05     | 0.04     | 0.04     | 0.04       | 14.59   | ppb   |
| Sodium     | 23-2  | 10464.12 | 10640.02 | 10875.37 | 10659.84   | 1.94    | ppb   |
| Strontium  | 86-1  | 18.67    | 18.65    | 18.94    | 18.75      | 0.87    | ppb   |
| Strontium  | 88-1  | 18.91    | 19.13    | 19.16    | 19.07      | 0.72    | ppb   |
| Sulfur     | 34-1  | 809.73   | 753.36   | 773.52   | 778.87     | 3.67    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.03     | 0.02     | 0.02     | 0.02       | 13.75   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.03     | 0.02       | 11.42   | ppb   |
| Tin        | 118-1 | 0.29     | 0.30     | 0.30     | 0.30       | 2.50    | ppb   |
| Titanium   | 47-1  | 0.42     | 0.45     | 0.54     | 0.47       | 12.74   | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.01     | 0.02       | 9.44    | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.09     | 0.09     | 0.08       | 10.43   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 531.34   | 537.16   | 563.07   | 543.85     | 3.11    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 12.85   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-53-FL1-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:46:48  | DataFile Name :   | 173SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.01    | 0.02       | 36.23   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-18 Instrumnet Name : P7  
 Client Sample ID : DC25820-54-FL1-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:50:13 DataFile Name : 174SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.55    | 7.92    | 6.67    | 7.05       | 10.76   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 7.21    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.25    | 0.25    | 0.25       | 1.53    | ppb   |
| Barium     | 135-1 | 15.93   | 16.01   | 16.20   | 16.05      | 0.88    | ppb   |
| Barium     | 137-1 | 15.97   | 16.16   | 16.28   | 16.14      | 0.97    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 95.45   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.32    | 4.58    | 4.59    | 4.50       | 3.33    | ppb   |
| Boron      | 11-1  | 4.40    | 4.38    | 4.51    | 4.43       | 1.50    | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.02   | -0.06   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.27    | -0.32   | -0.74   | -0.26      |         | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.04    | 0.08    | 0.07       | 42.22   | ppb   |
| Calcium    | 43-1  | 5301.95 | 5255.03 | 5313.65 | 5290.21    | 0.59    | ppb   |
| Calcium    | 44-1  | 5475.14 | 5313.43 | 5372.50 | 5387.02    | 1.52    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 9.98    | ppb   |
| Copper     | 63-2  | 36.38   | 35.85   | 36.77   | 36.33      | 1.27    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 28.53   | 27.36   | 29.04   | 28.31      | 3.04    | ppb   |
| Iron       | 57-2  | 32.06   | 30.39   | 33.00   | 31.81      | 4.16    | ppb   |
| Lead       | 206-1 | 0.29    | 0.30    | 0.30    | 0.30       | 0.97    | ppb   |
| Lead       | 207-1 | 0.28    | 0.27    | 0.27    | 0.27       | 2.73    | ppb   |
| Lead       | 208-1 | 0.28    | 0.29    | 0.29    | 0.29       | 1.41    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1108.58 | 1114.57 | 1135.51 | 1119.55    | 1.26    | ppb   |
| Manganese  | 55-2  | 15.04   | 14.92   | 15.14   | 15.03      | 0.73    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-54-FL1-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:50:13  | DataFile Name :   | 174SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.01     | 0.01       | 8.93    | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.01     | 0.02     | 0.01       | 38.28   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.01     | 0.01       | 21.52   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03     | 0.02     | 0.03       | 20.09   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.03     | 0.02       | 11.62   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.12     | 4.24     | 4.19     | 4.18       | 1.50    | ppb   |
| Phosphorus | 31-2  | 610.78   | 588.27   | 620.27   | 606.44     | 2.71    | ppb   |
| Potassium  | 39-2  | 515.47   | 513.35   | 517.08   | 515.30     | 0.36    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.48     | -0.01    | -0.02    | 0.15       | 191.53  | ppb   |
| Selenium   | 78-2  | 0.12     | 0.52     | 0.17     | 0.27       | 82.17   | ppb   |
| Selenium   | 82-1  | 0.31     | 0.08     | 0.17     | 0.19       | 61.25   | ppb   |
| Silicon    | 28-1  | 1014.22  | 994.60   | 1015.53  | 1008.12    | 1.16    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.01     | 0.00       | 55.03   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.01     | 0.01       | 46.20   | ppb   |
| Sodium     | 23-2  | 10185.78 | 10221.78 | 10439.96 | 10282.50   | 1.34    | ppb   |
| Strontium  | 86-1  | 18.59    | 18.04    | 18.32    | 18.32      | 1.50    | ppb   |
| Strontium  | 88-1  | 18.81    | 18.50    | 18.73    | 18.68      | 0.86    | ppb   |
| Sulfur     | 34-1  | 738.52   | 735.66   | 819.70   | 764.62     | 6.24    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.02     | 0.01       | 41.33   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 3.40    | ppb   |
| Tin        | 118-1 | -0.03    | -0.04    | -0.04    | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.36     | 0.36     | 0.37     | 0.36       | 1.35    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 18.94   | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.06     | 0.07     | 0.07       | 10.60   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 21.14    | 21.84    | 21.10    | 21.36      | 1.96    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.02     | 0.02       | 17.75   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-54-FL1-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:50:13  | DataFile Name :   | 174SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.02    | 0.02       | 34.87   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-19 Instrumnet Name : P7  
 Client Sample ID : DC25820-55-FL2-H-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:53:38 DataFile Name : 175SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.05    | 3.68    | 2.95    | 3.23       | 12.28   | ppb   |
| Antimony   | 121-1 | 0.13    | 0.10    | 0.12    | 0.12       | 9.96    | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.18    | 0.23    | 0.20       | 13.92   | ppb   |
| Barium     | 135-1 | 18.25   | 18.35   | 18.43   | 18.34      | 0.50    | ppb   |
| Barium     | 137-1 | 18.32   | 18.07   | 18.58   | 18.32      | 1.40    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.88    | 3.58    | 4.19    | 3.89       | 7.83    | ppb   |
| Boron      | 11-1  | 4.34    | 4.19    | 4.80    | 4.44       | 7.18    | ppb   |
| Cadmium    | 111-1 | -0.03   | 0.00    | -0.07   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.52   | -0.13   | -0.93   | -0.53      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.06    | 0.06    | 0.06       | 0.45    | ppb   |
| Calcium    | 43-1  | 5402.93 | 5329.19 | 5319.71 | 5350.61    | 0.85    | ppb   |
| Calcium    | 44-1  | 5447.34 | 5402.53 | 5488.02 | 5445.96    | 0.79    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.01    | 0.01       | 59.39   | ppb   |
| Copper     | 63-2  | 472.63  | 468.12  | 477.83  | 472.86     | 1.03    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 18.09   | 19.01   | 18.94   | 18.68      | 2.74    | ppb   |
| Iron       | 57-2  | 22.73   | 24.43   | 24.40   | 23.85      | 4.07    | ppb   |
| Lead       | 206-1 | 0.78    | 0.78    | 0.78    | 0.78       | 0.25    | ppb   |
| Lead       | 207-1 | 0.71    | 0.72    | 0.70    | 0.71       | 1.63    | ppb   |
| Lead       | 208-1 | 0.74    | 0.74    | 0.73    | 0.74       | 0.67    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1071.52 | 1074.07 | 1090.72 | 1078.77    | 0.97    | ppb   |
| Manganese  | 55-2  | 6.52    | 6.60    | 6.50    | 6.54       | 0.80    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-19              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-55-FL2-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:53:38   | DataFile Name :   | 175SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.01    | 0.01    | 0.02       | 65.15   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.01    | 0.03    | 0.02       | 36.40   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.02    | 0.02       | 7.70    | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.03    | 0.01    | 0.02       | 65.08   | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.02    | 0.02    | 0.02       | 15.80   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.88    | 0.93    | 0.94    | 0.92       | 3.84    | ppb   |
| Phosphorus | 31-2  | 416.70  | 445.97  | 424.34  | 429.00     | 3.54    | ppb   |
| Potassium  | 39-2  | 497.56  | 498.55  | 518.84  | 504.98     | 2.38    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.01   | -0.27   | 0.24    | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.22   | 0.01    | 0.03    | -0.06      |         | ppb   |
| Selenium   | 82-1  | 0.34    | 0.04    | 0.42    | 0.27       | 76.09   | ppb   |
| Silicon    | 28-1  | 1117.47 | 1074.23 | 1088.49 | 1093.40    | 2.01    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.03    | 0.02       | 14.90   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.02    | 0.02       | 25.82   | ppb   |
| Sodium     | 23-2  | 9434.06 | 9362.21 | 9568.74 | 9455.00    | 1.11    | ppb   |
| Strontium  | 86-1  | 19.38   | 19.26   | 18.98   | 19.20      | 1.06    | ppb   |
| Strontium  | 88-1  | 19.47   | 19.55   | 19.29   | 19.44      | 0.69    | ppb   |
| Sulfur     | 34-1  | 702.28  | 601.25  | 634.14  | 645.89     | 7.98    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 19.86   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 12.74   | ppb   |
| Tin        | 118-1 | 0.09    | 0.07    | 0.06    | 0.07       | 20.42   | ppb   |
| Titanium   | 47-1  | 0.23    | 0.22    | 0.31    | 0.25       | 18.49   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 70.14   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.07    | 0.07    | 0.06       | 18.06   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 60.82   | 61.36   | 62.69   | 61.62      | 1.56    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.04    | 0.02       | 78.75   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-19              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-55-FL2-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:53:38   | DataFile Name :   | 175SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.01    | 0.02       | 45.04   | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-20 Instrumnet Name : P7  
 Client Sample ID : DC25820-56-FL2-H-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:57:03 DataFile Name : 176SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.43    | 3.17    | 3.87    | 3.16       | 22.72   | ppb   |
| Antimony   | 121-1 | 0.13    | 0.12    | 0.13    | 0.13       | 5.04    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.19    | 0.23    | 0.22       | 10.99   | ppb   |
| Barium     | 135-1 | 18.66   | 18.46   | 18.50   | 18.54      | 0.58    | ppb   |
| Barium     | 137-1 | 18.55   | 18.40   | 18.63   | 18.52      | 0.63    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.00       | 263.32  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.87    | 3.82    | 4.69    | 4.13       | 11.90   | ppb   |
| Boron      | 11-1  | 4.44    | 4.48    | 4.50    | 4.47       | 0.71    | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.08   | -0.05   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -1.40   | -1.19   | -0.85   | -1.15      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.06    | 0.02    | 0.04       | 46.79   | ppb   |
| Calcium    | 43-1  | 5284.38 | 5371.82 | 5346.05 | 5334.08    | 0.84    | ppb   |
| Calcium    | 44-1  | 5430.55 | 5381.64 | 5397.35 | 5403.18    | 0.46    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.08   | -0.09   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.01    | 0.01       | 60.94   | ppb   |
| Copper     | 63-2  | 441.19  | 448.53  | 445.21  | 444.98     | 0.83    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 19.58   | 20.03   | 20.06   | 19.89      | 1.36    | ppb   |
| Iron       | 57-2  | 23.65   | 28.90   | 24.76   | 25.77      | 10.75   | ppb   |
| Lead       | 206-1 | 0.85    | 0.84    | 0.83    | 0.84       | 1.07    | ppb   |
| Lead       | 207-1 | 0.78    | 0.79    | 0.78    | 0.78       | 0.97    | ppb   |
| Lead       | 208-1 | 0.81    | 0.83    | 0.82    | 0.82       | 0.84    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1076.53 | 1076.73 | 1082.23 | 1078.50    | 0.30    | ppb   |
| Manganese  | 55-2  | 7.18    | 7.07    | 7.13    | 7.13       | 0.83    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-20              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-56-FL2-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:57:03   | DataFile Name :   | 176SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.01    | 0.02       | 17.73   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.01    | 0.02    | 0.01       | 39.54   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.01    | 0.01    | 0.01       | 11.58   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.03    | 0.03    | 0.03       | 3.49    | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.01    | 0.03    | 0.02       | 33.98   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.73    | 0.85    | 0.82    | 0.80       | 8.18    | ppb   |
| Phosphorus | 31-2  | 455.91  | 432.21  | 451.12  | 446.41     | 2.81    | ppb   |
| Potassium  | 39-2  | 510.27  | 512.55  | 511.28  | 511.37     | 0.22    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.01   | -0.27   | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.21   | 0.44    | 0.23    | 0.15       | 217.90  | ppb   |
| Selenium   | 82-1  | 0.76    | 0.52    | 0.31    | 0.53       | 42.27   | ppb   |
| Silicon    | 28-1  | 1059.68 | 1075.38 | 1069.40 | 1068.15    | 0.74    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.01    | 0.02       | 12.88   | ppb   |
| Silver     | 107-1 | 0.03    | 0.02    | 0.02    | 0.02       | 19.52   | ppb   |
| Sodium     | 23-2  | 9482.14 | 9478.86 | 9547.10 | 9502.70    | 0.41    | ppb   |
| Strontium  | 86-1  | 19.44   | 19.17   | 19.59   | 19.40      | 1.10    | ppb   |
| Strontium  | 88-1  | 19.64   | 19.63   | 19.57   | 19.61      | 0.20    | ppb   |
| Sulfur     | 34-1  | 299.87  | 549.16  | 477.54  | 442.19     | 29.03   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.02    | 0.01       | 10.38   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.02    | 0.01       | 24.31   | ppb   |
| Tin        | 118-1 | 0.10    | 0.11    | 0.09    | 0.10       | 7.27    | ppb   |
| Titanium   | 47-1  | 0.24    | 0.18    | 0.21    | 0.21       | 12.27   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.00    | 0.00       | 40.66   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.06    | 0.06       | 3.81    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 64.58   | 65.59   | 65.58   | 65.25      | 0.89    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.02    | 0.02       | 34.05   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-20              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-56-FL2-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:57:03   | DataFile Name :   | 176SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.03    | 0.02       | 67.44   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV80               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV80               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:00:28 | DataFile Name :   | 177SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.53    | 2.15    | 1.92    | 2.20       | 13.94   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.00    | 0.00       | 41.88   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.01    | 0.00    | 0.00       | 238.21  | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.37    | 0.68    | 0.10    | 0.38       | 75.11   | ppb   |
| Boron      | 11-1  | 0.44    | 0.59    | 0.39    | 0.47       | 22.55   | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.07   | -0.09   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.38   | -0.99   | -1.23   | -0.87      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.05    | 0.04    | 0.02       | 160.42  | ppb   |
| Calcium    | 43-1  | 13.27   | 13.27   | 14.34   | 13.63      | 4.54    | ppb   |
| Calcium    | 44-1  | 17.29   | 18.02   | 17.43   | 17.58      | 2.21    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.06    | 0.05    | 0.04    | 0.05       | 15.06   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.47    | 0.44    | 0.49    | 0.47       | 6.11    | ppb   |
| Iron       | 57-2  | 0.19    | -0.11   | 0.42    | 0.17       | 158.72  | ppb   |
| Lead       | 206-1 | 514.77  | 520.77  | 512.72  | 516.09     | 0.81    | ppb   |
| Lead       | 207-1 | 486.93  | 495.42  | 486.50  | 489.62     | 1.03    | ppb   |
| Lead       | 208-1 | 506.56  | 512.07  | 506.50  | 508.37     | 0.63    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.05    | 0.34    | 0.28    | 0.22       | 67.15   | ppb   |
| Manganese  | 55-2  | 0.02    | 0.04    | 0.05    | 0.04       | 43.47   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV80               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV80               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:00:28 | DataFile Name :   | 177SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.01    | 0.01    | 0.01       | 44.04   | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.01    | 0.01    | 0.01       | 90.71   | ppb   |
| Phosphorus | 31-2  | -16.22  | -9.58   | -17.14  | -14.31     |         | ppb   |
| Potassium  | 39-2  | 3.91    | 4.23    | 4.18    | 4.11       | 4.10    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.26    | 0.26    | -0.27   | 0.09       | 354.79  | ppb   |
| Selenium   | 78-2  | -0.08   | 0.39    | -0.08   | 0.08       | 357.29  | ppb   |
| Selenium   | 82-1  | -0.21   | -0.34   | 0.88    | 0.11       | 595.96  | ppb   |
| Silicon    | 28-1  | -0.99   | 0.75    | 0.53    | 0.10       | 988.33  | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 88.08   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 66.72   | ppb   |
| Sodium     | 23-2  | 20.94   | 22.26   | 21.84   | 21.68      | 3.10    | ppb   |
| Strontium  | 86-1  | -0.02   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -476.34 | -413.03 | -373.36 | -420.91    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 7.84    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.46    | ppb   |
| Tin        | 118-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | -0.01   | 0.04    | 0.04    | 0.02       | 121.05  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 177.95  | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.01    | 0.01       | 28.21   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.38    | 0.30    | 0.41    | 0.36       | 16.06   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 369.30  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV80               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV80               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:00:28 | DataFile Name :   | 177SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.00    | 0.00       | 83.67   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB80               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB80               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:03:54 | DataFile Name :   | 178SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.29   | 0.03    | 0.24    | -0.01      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 299.79  | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | 92.88   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 727.46  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.34    | -0.17   | 0.25    | 0.14       | 195.46  | ppb   |
| Boron      | 11-1  | 0.30    | 0.38    | 0.39    | 0.36       | 14.14   | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.08   | -0.09   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -0.88   | -1.07   | -1.26   | -1.07      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.02    | 0.07    | 0.03       | 88.91   | ppb   |
| Calcium    | 43-1  | -1.49   | 3.31    | -0.43   | 0.46       | 545.16  | ppb   |
| Calcium    | 44-1  | 3.43    | 5.01    | 3.81    | 4.08       | 20.20   | ppb   |
| Chromium   | 52-2  | 0.01    | 0.00    | 0.01    | 0.01       | 129.03  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.03    | 0.02    | 0.03    | 0.03       | 29.03   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.10    | 0.13    | 0.16    | 0.13       | 21.05   | ppb   |
| Iron       | 57-2  | -0.90   | -0.57   | -0.08   | -0.52      |         | ppb   |
| Lead       | 206-1 | 0.04    | 0.05    | 0.04    | 0.04       | 18.44   | ppb   |
| Lead       | 207-1 | 0.03    | 0.05    | 0.03    | 0.04       | 37.79   | ppb   |
| Lead       | 208-1 | 0.04    | 0.06    | 0.03    | 0.04       | 31.02   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.11    | 0.22    | 0.14    | 0.16       | 34.84   | ppb   |
| Manganese  | 55-2  | 0.08    | 0.06    | 0.10    | 0.08       | 20.30   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB80               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB80               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:03:54 | DataFile Name :   | 178SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -4.62   | -24.62  | -11.46  | -13.56     |         | ppb   |
| Potassium  | 39-2  | 4.80    | 1.31    | 2.75    | 2.95       | 59.37   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | 0.26    | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.31    | 0.21    | -0.05   | 0.16       | 116.30  | ppb   |
| Selenium   | 82-1  | 0.10    | 0.45    | 0.28    | 0.28       | 63.13   | ppb   |
| Silicon    | 28-1  | -1.97   | 0.00    | -0.91   | -0.96      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 56.16   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 21.16   | 20.17   | 20.68   | 20.67      | 2.39    | ppb   |
| Strontium  | 86-1  | 0.03    | 0.02    | 0.03    | 0.02       | 20.38   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 76.81   | ppb   |
| Sulfur     | 34-1  | -382.41 | -286.25 | -243.68 | -304.12    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 32.31   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | 7.72    | ppb   |
| Tin        | 118-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Titanium   | 47-1  | 0.00    | -0.02   | 0.00    | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.00    | 0.01       | 45.81   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.06   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB80               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB80               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:03:54 | DataFile Name :   | 178SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-21 Instrumnet Name : P7  
 Client Sample ID : DC25820-57-FL2-CL6-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:07:22 DataFile Name : 179SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.65    | 4.04    | 4.84    | 4.51       | 9.26    | ppb   |
| Antimony   | 121-1 | 0.48    | 0.49    | 0.53    | 0.50       | 4.67    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.23    | 0.15    | 0.21       | 25.88   | ppb   |
| Barium     | 135-1 | 15.58   | 15.55   | 15.72   | 15.62      | 0.58    | ppb   |
| Barium     | 137-1 | 15.81   | 15.40   | 15.43   | 15.55      | 1.44    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.57    | 5.46    | 5.48    | 5.17       | 10.06   | ppb   |
| Boron      | 11-1  | 5.24    | 5.19    | 5.43    | 5.29       | 2.41    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.08    | 0.08    | 0.06       | 45.83   | ppb   |
| Cadmium    | 106-1 | -1.03   | -0.31   | -0.26   | -0.53      |         | ppb   |
| Cadmium    | 108-1 | 0.19    | 0.22    | 0.21    | 0.21       | 6.58    | ppb   |
| Calcium    | 43-1  | 4970.47 | 4881.05 | 5005.07 | 4952.20    | 1.29    | ppb   |
| Calcium    | 44-1  | 5034.60 | 5003.93 | 5099.32 | 5045.95    | 0.97    | ppb   |
| Chromium   | 52-2  | 0.11    | 0.06    | 0.10    | 0.09       | 31.71   | ppb   |
| Cobalt     | 59-2  | 0.16    | 0.15    | 0.16    | 0.16       | 4.29    | ppb   |
| Copper     | 63-2  | 147.11  | 146.13  | 149.64  | 147.62     | 1.23    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 27.28   | 26.48   | 27.14   | 26.96      | 1.59    | ppb   |
| Iron       | 57-2  | 31.50   | 33.47   | 32.89   | 32.62      | 3.10    | ppb   |
| Lead       | 206-1 | 3.58    | 3.59    | 3.56    | 3.58       | 0.43    | ppb   |
| Lead       | 207-1 | 3.28    | 3.29    | 3.22    | 3.26       | 1.23    | ppb   |
| Lead       | 208-1 | 3.37    | 3.39    | 3.35    | 3.37       | 0.66    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1230.83 | 1195.17 | 1250.97 | 1225.66    | 2.31    | ppb   |
| Manganese  | 55-2  | 23.85   | 23.27   | 23.78   | 23.63      | 1.34    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-57-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:07:22  | DataFile Name :   | 179SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.02     | 0.02       | 9.06    | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.02     | 0.03     | 0.03       | 18.89   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03     | 0.02     | 0.03       | 14.61   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.03     | 0.03     | 0.03       | 12.58   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.03     | 0.03       | 13.44   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 116.82   | 115.16   | 119.45   | 117.14     | 1.85    | ppb   |
| Phosphorus | 31-2  | 221.77   | 193.04   | 233.50   | 216.10     | 9.63    | ppb   |
| Potassium  | 39-2  | 516.20   | 504.11   | 519.08   | 513.13     | 1.55    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.25     | 0.50     | 0.24     | 0.33       | 45.12   | ppb   |
| Selenium   | 78-2  | 0.07     | 0.24     | 0.43     | 0.25       | 71.41   | ppb   |
| Selenium   | 82-1  | 0.37     | 0.14     | 0.96     | 0.49       | 85.76   | ppb   |
| Silicon    | 28-1  | 1003.26  | 1005.95  | 1031.32  | 1013.51    | 1.53    | ppb   |
| Silver     | 109-1 | 0.01     | 0.02     | 0.02     | 0.02       | 24.38   | ppb   |
| Silver     | 107-1 | 0.03     | 0.02     | 0.02     | 0.02       | 29.46   | ppb   |
| Sodium     | 23-2  | 10413.48 | 10264.52 | 10463.04 | 10380.35   | 1.00    | ppb   |
| Strontium  | 86-1  | 17.65    | 17.55    | 17.33    | 17.51      | 0.94    | ppb   |
| Strontium  | 88-1  | 17.78    | 17.86    | 17.87    | 17.84      | 0.27    | ppb   |
| Sulfur     | 34-1  | 777.99   | 749.86   | 844.29   | 790.71     | 6.13    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 24.14   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 10.57   | ppb   |
| Tin        | 118-1 | 0.00     | -0.01    | -0.02    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.21     | 0.17     | 0.13     | 0.17       | 21.12   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 20.32   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06     | 0.05     | 0.06       | 4.81    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 624.74   | 617.85   | 626.32   | 622.97     | 0.72    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.08     | 0.04       | 83.68   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-57-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:07:22  | DataFile Name :   | 179SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.03    | 0.02       | 26.80   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-22 Instrumnet Name : P7  
 Client Sample ID : DC25820-58-FL2-CL6-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:10:48 DataFile Name : 180SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.32    | 3.71    | 3.90    | 3.98       | 7.83    | ppb   |
| Antimony   | 121-1 | 0.52    | 0.48    | 0.47    | 0.49       | 5.41    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.23    | 0.23    | 0.23       | 1.28    | ppb   |
| Barium     | 135-1 | 15.88   | 15.79   | 15.66   | 15.78      | 0.69    | ppb   |
| Barium     | 137-1 | 16.03   | 15.99   | 15.98   | 16.00      | 0.16    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.00    | 0.00       | 210.59  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.84    | 5.24    | 4.94    | 5.00       | 4.19    | ppb   |
| Boron      | 11-1  | 5.06    | 5.53    | 5.14    | 5.24       | 4.74    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.08    | 0.07    | 0.06       | 46.47   | ppb   |
| Cadmium    | 106-1 | -0.77   | -0.09   | -0.21   | -0.36      |         | ppb   |
| Cadmium    | 108-1 | 0.34    | 0.12    | 0.39    | 0.28       | 51.44   | ppb   |
| Calcium    | 43-1  | 5057.92 | 5080.46 | 5094.39 | 5077.59    | 0.36    | ppb   |
| Calcium    | 44-1  | 5153.34 | 5090.24 | 5105.98 | 5116.52    | 0.64    | ppb   |
| Chromium   | 52-2  | -0.01   | 0.02    | 0.02    | 0.01       | 146.48  | ppb   |
| Cobalt     | 59-2  | 0.15    | 0.15    | 0.15    | 0.15       | 0.74    | ppb   |
| Copper     | 63-2  | 146.90  | 150.32  | 149.94  | 149.05     | 1.26    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 26.36   | 26.61   | 26.54   | 26.50      | 0.48    | ppb   |
| Iron       | 57-2  | 32.07   | 31.42   | 30.41   | 31.30      | 2.68    | ppb   |
| Lead       | 206-1 | 3.60    | 3.51    | 3.55    | 3.55       | 1.21    | ppb   |
| Lead       | 207-1 | 3.39    | 3.15    | 3.22    | 3.25       | 3.76    | ppb   |
| Lead       | 208-1 | 3.48    | 3.39    | 3.38    | 3.42       | 1.57    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1214.50 | 1232.70 | 1234.61 | 1227.27    | 0.90    | ppb   |
| Manganese  | 55-2  | 23.26   | 23.93   | 23.73   | 23.64      | 1.45    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-58-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:10:48  | DataFile Name :   | 180SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.01     | 0.01       | 40.85   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.01     | 0.02     | 0.02       | 56.29   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.01     | 0.01     | 0.01       | 25.25   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03     | 0.03     | 0.03       | 10.87   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 3.89    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 116.78   | 118.03   | 119.11   | 117.97     | 0.99    | ppb   |
| Phosphorus | 31-2  | 208.20   | 203.75   | 200.17   | 204.04     | 1.97    | ppb   |
| Potassium  | 39-2  | 506.98   | 514.69   | 515.45   | 512.37     | 0.92    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | 0.49     | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.18     | -0.57    | 0.11     | -0.09      |         | ppb   |
| Selenium   | 82-1  | 0.61     | 0.49     | 0.25     | 0.45       | 40.69   | ppb   |
| Silicon    | 28-1  | 1030.87  | 1032.86  | 1024.57  | 1029.43    | 0.42    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.03     | 0.03       | 12.93   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.02     | 0.02       | 17.37   | ppb   |
| Sodium     | 23-2  | 10320.40 | 10480.17 | 10526.06 | 10442.21   | 1.03    | ppb   |
| Strontium  | 86-1  | 17.99    | 17.89    | 17.60    | 17.82      | 1.14    | ppb   |
| Strontium  | 88-1  | 18.21    | 17.99    | 17.78    | 17.99      | 1.20    | ppb   |
| Sulfur     | 34-1  | 565.63   | 603.13   | 590.49   | 586.42     | 3.25    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 12.36   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 11.15   | ppb   |
| Tin        | 118-1 | -0.03    | -0.04    | -0.05    | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.17     | 0.13     | 0.10     | 0.13       | 25.56   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 18.87   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06     | 0.06     | 0.05       | 14.31   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 631.88   | 643.89   | 644.33   | 640.04     | 1.10    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.01     | 0.01       | 11.44   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-58-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:10:48  | DataFile Name :   | 180SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.01    | 0.01       | 20.61   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-23 Instrumnet Name : P7  
 Client Sample ID : DC25820-59-FL2-BRCL6 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:14:13 DataFile Name : 181SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 24.61   | 22.91   | 24.94   | 24.16      | 4.50    | ppb   |
| Antimony   | 121-1 | 0.30    | 0.28    | 0.29    | 0.29       | 3.06    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.19    | 0.26    | 0.23       | 16.01   | ppb   |
| Barium     | 135-1 | 21.18   | 20.84   | 20.91   | 20.98      | 0.85    | ppb   |
| Barium     | 137-1 | 21.63   | 21.35   | 21.37   | 21.45      | 0.72    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.01    | 0.01       | 19.16   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.38    | 6.73    | 7.16    | 7.09       | 4.67    | ppb   |
| Boron      | 11-1  | 7.14    | 7.48    | 7.39    | 7.33       | 2.42    | ppb   |
| Cadmium    | 111-1 | 0.07    | 0.10    | 0.06    | 0.08       | 23.18   | ppb   |
| Cadmium    | 106-1 | -0.42   | -0.31   | -0.39   | -0.37      |         | ppb   |
| Cadmium    | 108-1 | 0.42    | 0.35    | 0.31    | 0.36       | 15.77   | ppb   |
| Calcium    | 43-1  | 5100.06 | 5094.81 | 5074.77 | 5089.88    | 0.26    | ppb   |
| Calcium    | 44-1  | 5165.28 | 5101.96 | 5146.83 | 5138.02    | 0.63    | ppb   |
| Chromium   | 52-2  | 0.54    | 0.43    | 0.51    | 0.49       | 11.10   | ppb   |
| Cobalt     | 59-2  | 0.14    | 0.13    | 0.14    | 0.14       | 3.38    | ppb   |
| Copper     | 63-2  | 339.00  | 338.76  | 338.44  | 338.73     | 0.08    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 167.13  | 162.07  | 163.59  | 164.26     | 1.58    | ppb   |
| Iron       | 57-2  | 164.63  | 162.07  | 171.04  | 165.91     | 2.78    | ppb   |
| Lead       | 206-1 | 54.79   | 52.55   | 53.22   | 53.52      | 2.15    | ppb   |
| Lead       | 207-1 | 49.29   | 47.34   | 47.97   | 48.20      | 2.07    | ppb   |
| Lead       | 208-1 | 52.19   | 49.91   | 50.61   | 50.90      | 2.30    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1132.72 | 1129.60 | 1125.16 | 1129.16    | 0.34    | ppb   |
| Manganese  | 55-2  | 42.74   | 42.30   | 41.96   | 42.33      | 0.93    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-59-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:14:13  | DataFile Name :   | 181SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.03     | 0.03     | 0.03       | 8.66    | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.01     | 0.02       | 31.67   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03     | 0.03     | 0.03       | 28.61   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02     | 0.02     | 0.02       | 2.59    | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.01     | 0.03     | 0.02       | 47.22   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 138.26   | 137.47   | 138.80   | 138.18     | 0.48    | ppb   |
| Phosphorus | 31-2  | 405.77   | 374.62   | 390.25   | 390.21     | 3.99    | ppb   |
| Potassium  | 39-2  | 574.77   | 567.59   | 572.40   | 571.58     | 0.64    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | -0.27    | -0.27      |         | ppb   |
| Selenium   | 78-2  | 0.75     | 0.80     | 0.01     | 0.52       | 84.82   | ppb   |
| Selenium   | 82-1  | 0.07     | 0.51     | 0.13     | 0.24       | 99.35   | ppb   |
| Silicon    | 28-1  | 963.13   | 953.68   | 962.00   | 959.60     | 0.54    | ppb   |
| Silver     | 109-1 | 0.02     | 0.03     | 0.03     | 0.03       | 7.00    | ppb   |
| Silver     | 107-1 | 0.02     | 0.03     | 0.04     | 0.03       | 21.75   | ppb   |
| Sodium     | 23-2  | 10665.57 | 10566.01 | 10528.58 | 10586.72   | 0.67    | ppb   |
| Strontium  | 86-1  | 18.94    | 18.91    | 18.64    | 18.83      | 0.90    | ppb   |
| Strontium  | 88-1  | 19.06    | 18.65    | 18.89    | 18.87      | 1.08    | ppb   |
| Sulfur     | 34-1  | 546.64   | 471.81   | 539.10   | 519.18     | 7.94    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.04     | 0.04     | 0.03     | 0.04       | 12.96   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.04     | 0.03     | 0.04       | 8.67    | ppb   |
| Tin        | 118-1 | 0.27     | 0.26     | 0.28     | 0.27       | 3.75    | ppb   |
| Titanium   | 47-1  | 0.57     | 0.58     | 0.68     | 0.61       | 10.11   | ppb   |
| Uranium    | 238-1 | 0.06     | 0.06     | 0.06     | 0.06       | 4.50    | ppb   |
| Vanadium   | 51-2  | 0.09     | 0.10     | 0.09     | 0.09       | 7.96    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1342.27  | 1323.56  | 1330.36  | 1332.06    | 0.71    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.03     | 0.04     | 0.04       | 10.92   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-59-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:14:13  | DataFile Name :   | 181SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.05    | 0.04    | 0.04       | 18.46   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-24 Instrumnet Name : P7  
 Client Sample ID : DC25820-60-FL2-BRCL6 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:17:38 DataFile Name : 182SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.38    | 8.95    | 7.45    | 7.93       | 11.17   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.06    | 0.06       | 12.34   | ppb   |
| Arsenic    | 75-2  | 0.34    | 0.23    | 0.25    | 0.27       | 22.25   | ppb   |
| Barium     | 135-1 | 16.12   | 16.12   | 16.26   | 16.17      | 0.48    | ppb   |
| Barium     | 137-1 | 15.88   | 15.88   | 16.05   | 15.94      | 0.59    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 336.52  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.90    | 4.35    | 4.71    | 4.32       | 9.47    | ppb   |
| Boron      | 11-1  | 4.61    | 4.99    | 4.67    | 4.76       | 4.28    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.03   | 0.02    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.57   | -0.52   | 0.12    | -0.32      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.04    | 0.02    | 0.03       | 30.43   | ppb   |
| Calcium    | 43-1  | 5215.06 | 5208.46 | 5212.22 | 5211.91    | 0.06    | ppb   |
| Calcium    | 44-1  | 5343.88 | 5278.15 | 5257.88 | 5293.30    | 0.85    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.04    | 0.04    | 0.04       | 15.61   | ppb   |
| Copper     | 63-2  | 74.81   | 74.94   | 74.75   | 74.83      | 0.13    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 40.15   | 40.68   | 39.99   | 40.27      | 0.89    | ppb   |
| Iron       | 57-2  | 42.30   | 43.60   | 45.54   | 43.81      | 3.72    | ppb   |
| Lead       | 206-1 | 0.97    | 0.94    | 0.94    | 0.95       | 1.83    | ppb   |
| Lead       | 207-1 | 0.86    | 0.88    | 0.89    | 0.88       | 2.03    | ppb   |
| Lead       | 208-1 | 0.91    | 0.91    | 0.90    | 0.91       | 0.60    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1166.17 | 1166.77 | 1161.47 | 1164.80    | 0.25    | ppb   |
| Manganese  | 55-2  | 17.08   | 16.59   | 16.67   | 16.78      | 1.55    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-24 Instrumnet Name : P7  
 Client Sample ID : DC25820-60-FL2-BRCL6 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:17:38 DataFile Name : 182SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.00     | 0.01       | 75.87   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.01     | 0.01     | 0.01       | 40.47   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.02     | 0.02     | 0.02       | 24.73   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.04     | 0.04     | 0.03       | 42.15   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.03     | 0.02       | 35.63   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.47     | 6.97     | 6.70     | 6.71       | 3.70    | ppb   |
| Phosphorus | 31-2  | 596.73   | 577.79   | 610.45   | 594.99     | 2.76    | ppb   |
| Potassium  | 39-2  | 521.73   | 526.89   | 517.02   | 521.88     | 0.95    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.24     | -0.02    | -0.27    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.82     | -0.31    | 0.15     | 0.22       | 255.99  | ppb   |
| Selenium   | 82-1  | 0.62     | 0.60     | 0.12     | 0.45       | 62.62   | ppb   |
| Silicon    | 28-1  | 1016.15  | 1009.96  | 992.69   | 1006.27    | 1.21    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.00     | 0.01       | 33.02   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.00     | 0.00       | 70.37   | ppb   |
| Sodium     | 23-2  | 10442.03 | 10416.94 | 10276.56 | 10378.51   | 0.86    | ppb   |
| Strontium  | 86-1  | 18.57    | 18.25    | 17.96    | 18.26      | 1.68    | ppb   |
| Strontium  | 88-1  | 18.54    | 18.45    | 18.44    | 18.48      | 0.31    | ppb   |
| Sulfur     | 34-1  | 741.08   | 706.91   | 737.29   | 728.43     | 2.57    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02     | 0.02       | 36.71   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 10.17   | ppb   |
| Tin        | 118-1 | -0.04    | -0.03    | -0.04    | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.33     | 0.29     | 0.35     | 0.32       | 9.11    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 18.60   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.08     | 0.07     | 0.07       | 6.97    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 31.88    | 32.67    | 32.50    | 32.35      | 1.28    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.02     | 0.02       | 12.97   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-60-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:17:38  | DataFile Name :   | 182SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.03    | 0.02       | 24.53   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-25 Instrumnet Name : P7  
 Client Sample ID : DC25820-61-FL2-CL7-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:21:03 DataFile Name : 183SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.02    | 5.79    | 6.00    | 5.94       | 2.09    | ppb   |
| Antimony   | 121-1 | 0.14    | 0.14    | 0.13    | 0.14       | 2.72    | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.25    | 0.23    | 0.22       | 12.91   | ppb   |
| Barium     | 135-1 | 18.63   | 18.74   | 18.14   | 18.50      | 1.71    | ppb   |
| Barium     | 137-1 | 18.53   | 19.01   | 18.55   | 18.69      | 1.44    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.00    | 0.00       | 95.22   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.20    | 5.06    | 4.99    | 5.08       | 2.07    | ppb   |
| Boron      | 11-1  | 4.89    | 5.14    | 4.90    | 4.98       | 2.77    | ppb   |
| Cadmium    | 111-1 | 0.11    | 0.01    | 0.05    | 0.06       | 92.21   | ppb   |
| Cadmium    | 106-1 | 0.43    | -0.75   | -0.07   | -0.13      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.20    | 0.32    | 0.20       | 61.52   | ppb   |
| Calcium    | 43-1  | 5327.84 | 5368.80 | 5388.12 | 5361.58    | 0.57    | ppb   |
| Calcium    | 44-1  | 5490.22 | 5484.53 | 5485.04 | 5486.60    | 0.06    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.02    | 0.03    | 0.03       | 38.84   | ppb   |
| Cobalt     | 59-2  | 0.13    | 0.13    | 0.13    | 0.13       | 1.98    | ppb   |
| Copper     | 63-2  | 198.34  | 195.64  | 197.24  | 197.07     | 0.69    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 33.93   | 33.63   | 34.51   | 34.02      | 1.30    | ppb   |
| Iron       | 57-2  | 39.13   | 40.39   | 38.68   | 39.40      | 2.24    | ppb   |
| Lead       | 206-1 | 2.04    | 2.11    | 2.08    | 2.08       | 1.67    | ppb   |
| Lead       | 207-1 | 1.98    | 1.95    | 1.91    | 1.95       | 1.73    | ppb   |
| Lead       | 208-1 | 2.04    | 2.03    | 1.98    | 2.01       | 1.58    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1120.68 | 1127.37 | 1117.58 | 1121.87    | 0.45    | ppb   |
| Manganese  | 55-2  | 8.82    | 8.48    | 8.80    | 8.70       | 2.16    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-25 Instrumnet Name : P7  
 Client Sample ID : DC25820-61-FL2-CL7-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:21:03 DataFile Name : 183SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.01    | 0.01       | 31.04   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.02    | 0.01    | 0.01       | 7.02    | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.01    | 0.01       | 17.84   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.03    | 0.01    | 0.02       | 40.75   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.03    | 0.02    | 0.02       | 13.84   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 260.05  | 258.85  | 257.85  | 258.91     | 0.43    | ppb   |
| Phosphorus | 31-2  | 372.50  | 403.98  | 373.68  | 383.39     | 4.65    | ppb   |
| Potassium  | 39-2  | 508.72  | 512.37  | 510.13  | 510.41     | 0.36    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.02   | 0.23    | -0.02      |         | ppb   |
| Selenium   | 78-2  | -0.19   | 0.04    | 0.05    | -0.03      |         | ppb   |
| Selenium   | 82-1  | 0.29    | 0.38    | 0.51    | 0.39       | 28.75   | ppb   |
| Silicon    | 28-1  | 1076.07 | 1065.90 | 1073.90 | 1071.96    | 0.50    | ppb   |
| Silver     | 109-1 | 0.03    | 0.04    | 0.03    | 0.03       | 12.15   | ppb   |
| Silver     | 107-1 | 0.04    | 0.03    | 0.03    | 0.03       | 11.39   | ppb   |
| Sodium     | 23-2  | 9496.78 | 9367.84 | 9323.11 | 9395.91    | 0.96    | ppb   |
| Strontium  | 86-1  | 19.00   | 19.48   | 19.34   | 19.27      | 1.28    | ppb   |
| Strontium  | 88-1  | 19.63   | 19.83   | 19.50   | 19.66      | 0.85    | ppb   |
| Sulfur     | 34-1  | 630.25  | 586.74  | 592.68  | 603.23     | 3.91    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.01    | 0.02       | 17.93   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.01    | 0.01       | 20.37   | ppb   |
| Tin        | 118-1 | 0.19    | 0.16    | 0.18    | 0.17       | 9.28    | ppb   |
| Titanium   | 47-1  | 0.16    | 0.18    | 0.20    | 0.18       | 10.62   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 12.16   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.07    | 0.07    | 0.07       | 16.10   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 875.61  | 869.57  | 865.41  | 870.20     | 0.59    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.01    | 0.01       | 16.77   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-61-FL2-CL7-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:21:03  | DataFile Name :   | 183SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.00    | 0.01    | 0.01       | 107.72  | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-26 Instrumnet Name : P7  
 Client Sample ID : DC25820-62-FL2-CL7-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:24:27 DataFile Name : 184SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.89    | 5.67    | 6.80    | 6.45       | 10.56   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.04    | 0.05       | 10.26   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.31    | 0.25    | 0.27       | 16.50   | ppb   |
| Barium     | 135-1 | 19.35   | 18.94   | 19.53   | 19.28      | 1.58    | ppb   |
| Barium     | 137-1 | 19.09   | 19.09   | 19.23   | 19.14      | 0.40    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 104.48  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.50    | 3.98    | 4.18    | 4.22       | 6.20    | ppb   |
| Boron      | 11-1  | 4.33    | 4.62    | 4.88    | 4.61       | 6.02    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.05   | -0.07   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.59   | -0.73   | -1.07   | -0.80      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.04    | -0.02   | 0.01       | 347.96  | ppb   |
| Calcium    | 43-1  | 5265.84 | 5224.59 | 5266.91 | 5252.45    | 0.46    | ppb   |
| Calcium    | 44-1  | 5356.60 | 5264.42 | 5293.40 | 5304.81    | 0.89    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.06    | 0.07    | 0.06       | 18.93   | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.04    | 0.03    | 0.04       | 13.78   | ppb   |
| Copper     | 63-2  | 74.20   | 73.96   | 73.49   | 73.88      | 0.49    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.18   | 24.20   | 26.35   | 24.58      | 6.57    | ppb   |
| Iron       | 57-2  | 26.22   | 26.33   | 27.95   | 26.83      | 3.61    | ppb   |
| Lead       | 206-1 | 0.31    | 0.29    | 0.29    | 0.30       | 3.16    | ppb   |
| Lead       | 207-1 | 0.28    | 0.26    | 0.27    | 0.27       | 3.40    | ppb   |
| Lead       | 208-1 | 0.29    | 0.28    | 0.28    | 0.28       | 0.53    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1116.55 | 1131.02 | 1116.47 | 1121.35    | 0.75    | ppb   |
| Manganese  | 55-2  | 13.15   | 12.86   | 12.65   | 12.89      | 1.96    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-62-FL2-CL7-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:24:27  | DataFile Name :   | 184SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.01     | 0.01       | 58.76   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.01     | 0.03     | 0.02       | 70.31   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.02     | 0.03     | 0.02       | 40.09   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03     | 0.02     | 0.03       | 24.77   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.03     | 0.03       | 18.13   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.02     | 2.02     | 2.01     | 2.02       | 0.30    | ppb   |
| Phosphorus | 31-2  | 640.95   | 617.05   | 600.97   | 619.66     | 3.25    | ppb   |
| Potassium  | 39-2  | 517.66   | 514.64   | 517.85   | 516.72     | 0.35    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | -0.27    | -0.27      |         | ppb   |
| Selenium   | 78-2  | -0.46    | 0.31     | 0.45     | 0.10       | 485.03  | ppb   |
| Selenium   | 82-1  | 0.46     | 0.66     | 0.28     | 0.47       | 41.54   | ppb   |
| Silicon    | 28-1  | 1000.41  | 998.43   | 1019.89  | 1006.24    | 1.18    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 26.90   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 28.83   | ppb   |
| Sodium     | 23-2  | 10416.84 | 10337.07 | 10327.97 | 10360.63   | 0.47    | ppb   |
| Strontium  | 86-1  | 18.43    | 18.40    | 18.46    | 18.43      | 0.16    | ppb   |
| Strontium  | 88-1  | 18.76    | 18.61    | 18.63    | 18.66      | 0.43    | ppb   |
| Sulfur     | 34-1  | 760.32   | 703.36   | 921.67   | 795.12     | 14.24   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 5.01    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 3.15    | ppb   |
| Tin        | 118-1 | -0.05    | -0.05    | -0.05    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.36     | 0.32     | 0.33     | 0.34       | 6.62    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 3.64    | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.07     | 0.07     | 0.07       | 3.03    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 15.14    | 15.35    | 14.33    | 14.94      | 3.61    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 15.82   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-62-FL2-CL7-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:24:27  | DataFile Name :   | 184SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.01    | 0.01       | 46.32   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-27 Instrumnet Name : P7  
 Client Sample ID : DC25820-63-FL2-BRCL7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:27:53 DataFile Name : 185SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.02    | 7.02    | 8.38    | 7.81       | 8.99    | ppb   |
| Antimony   | 121-1 | 0.09    | 0.10    | 0.09    | 0.09       | 6.37    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.24    | 0.23    | 0.24       | 5.16    | ppb   |
| Barium     | 135-1 | 20.98   | 20.40   | 19.81   | 20.40      | 2.87    | ppb   |
| Barium     | 137-1 | 20.88   | 20.43   | 20.23   | 20.51      | 1.61    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 556.26  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.76    | 4.52    | 5.10    | 4.79       | 6.15    | ppb   |
| Boron      | 11-1  | 4.36    | 4.59    | 4.66    | 4.54       | 3.58    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.01   | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.29   | -0.55   | -0.93   | -0.59      |         | ppb   |
| Cadmium    | 108-1 | 0.13    | 0.12    | 0.05    | 0.10       | 45.41   | ppb   |
| Calcium    | 43-1  | 5950.82 | 6091.64 | 5858.08 | 5966.84    | 1.97    | ppb   |
| Calcium    | 44-1  | 6048.62 | 6274.75 | 6046.07 | 6123.15    | 2.14    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 23.54   | ppb   |
| Copper     | 63-2  | 201.39  | 200.51  | 202.22  | 201.38     | 0.43    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 13.09   | 13.05   | 13.42   | 13.19      | 1.56    | ppb   |
| Iron       | 57-2  | 18.20   | 20.21   | 19.65   | 19.35      | 5.35    | ppb   |
| Lead       | 206-1 | 3.45    | 3.54    | 3.41    | 3.47       | 1.88    | ppb   |
| Lead       | 207-1 | 3.18    | 3.26    | 3.03    | 3.16       | 3.65    | ppb   |
| Lead       | 208-1 | 3.31    | 3.34    | 3.25    | 3.30       | 1.44    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1216.23 | 1238.30 | 1245.92 | 1233.48    | 1.25    | ppb   |
| Manganese  | 55-2  | 5.20    | 5.22    | 5.17    | 5.19       | 0.51    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-63-FL2-BRCL7 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:27:53  | DataFile Name :   | 185SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.02     | 0.01       | 26.04   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.02    | 0.03     | 0.02       | 51.31   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.01    | 0.01     | 0.01       | 44.48   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.04    | 0.01     | 0.03       | 59.39   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.02     | 0.02       | 7.45    | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 19.24   | 19.09   | 19.52    | 19.28      | 1.15    | ppb   |
| Phosphorus | 31-2  | 357.37  | 379.90  | 374.77   | 370.68     | 3.19    | ppb   |
| Potassium  | 39-2  | 533.00  | 534.33  | 536.33   | 534.55     | 0.31    | ppb   |
| Rhodium    | 103-1 |         |         |          |            |         | %     |
| Rhodium    | 103-2 |         |         |          |            |         | %     |
| Scandium   | 45-1  |         |         |          |            |         | %     |
| Scandium   | 45-2  |         |         |          |            |         | %     |
| Selenium   | 77-2  | 0.48    | -0.02   | 0.49     | 0.32       | 90.70   | ppb   |
| Selenium   | 78-2  | -0.06   | 0.19    | 0.27     | 0.13       | 132.86  | ppb   |
| Selenium   | 82-1  | 0.51    | 0.73    | 0.09     | 0.44       | 73.31   | ppb   |
| Silicon    | 28-1  | 1136.97 | 1179.09 | 1155.91  | 1157.32    | 1.82    | ppb   |
| Silver     | 109-1 | 0.07    | 0.07    | 0.07     | 0.07       | 1.27    | ppb   |
| Silver     | 107-1 | 0.08    | 0.08    | 0.07     | 0.08       | 8.84    | ppb   |
| Sodium     | 23-2  | 9931.39 | 9896.19 | 10086.33 | 9971.30    | 1.01    | ppb   |
| Strontium  | 86-1  | 21.54   | 21.41   | 21.15    | 21.37      | 0.94    | ppb   |
| Strontium  | 88-1  | 21.53   | 21.74   | 21.24    | 21.50      | 1.17    | ppb   |
| Sulfur     | 34-1  | 618.40  | 847.81  | 726.34   | 730.85     | 15.70   | ppb   |
| Terbium    | 159-1 |         |         |          |            |         | %     |
| Terbium    | 159-2 |         |         |          |            |         | %     |
| Thallium   | 203-1 | 0.05    | 0.04    | 0.05     | 0.05       | 12.58   | ppb   |
| Thallium   | 205-1 | 0.05    | 0.04    | 0.05     | 0.05       | 8.72    | ppb   |
| Tin        | 118-1 | 0.24    | 0.25    | 0.22     | 0.24       | 7.15    | ppb   |
| Titanium   | 47-1  | 0.27    | 0.26    | 0.19     | 0.24       | 19.39   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01     | 0.01       | 12.11   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.07    | 0.07     | 0.07       | 3.78    | ppb   |
| Yttrium    | 89-1  |         |         |          |            |         | %     |
| Yttrium    | 89-2  |         |         |          |            |         | %     |
| Zinc       | 66-2  | 368.66  | 369.30  | 368.76   | 368.91     | 0.09    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.01    | 0.01     | 0.02       | 80.17   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-63-FL2-BRCL7 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:27:53  | DataFile Name :   | 185SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.01    | 0.01       | 45.08   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-28 Instrumnet Name : P7  
 Client Sample ID : DC25820-64-FL2-BRCL7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:31:18 DataFile Name : 186SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.11    | 6.88    | 7.61    | 6.87       | 10.87   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.03    | 0.04       | 13.45   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.25    | 0.24    | 0.26       | 7.83    | ppb   |
| Barium     | 135-1 | 16.20   | 15.95   | 16.10   | 16.08      | 0.80    | ppb   |
| Barium     | 137-1 | 15.85   | 16.07   | 15.83   | 15.92      | 0.86    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.01    | 0.00       | 417.61  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.28    | 4.31    | 3.61    | 3.73       | 14.09   | ppb   |
| Boron      | 11-1  | 4.08    | 4.18    | 4.39    | 4.22       | 3.74    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.06   | -0.04   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.30   | -0.89   | -0.64   | -0.61      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.02    | 0.02    | 0.02       | 47.90   | ppb   |
| Calcium    | 43-1  | 5204.74 | 5242.82 | 5218.04 | 5221.87    | 0.37    | ppb   |
| Calcium    | 44-1  | 5299.72 | 5397.14 | 5239.52 | 5312.13    | 1.50    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | 0.01    | 0.00       | 153.46  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.02    | 0.01    | 0.01       | 25.99   | ppb   |
| Copper     | 63-2  | 45.97   | 44.19   | 45.87   | 45.35      | 2.20    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.41   | 23.00   | 23.58   | 23.33      | 1.27    | ppb   |
| Iron       | 57-2  | 25.62   | 27.06   | 29.57   | 27.42      | 7.30    | ppb   |
| Lead       | 206-1 | 0.76    | 0.76    | 0.74    | 0.75       | 0.82    | ppb   |
| Lead       | 207-1 | 0.68    | 0.69    | 0.70    | 0.69       | 1.48    | ppb   |
| Lead       | 208-1 | 0.71    | 0.73    | 0.71    | 0.72       | 1.21    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1126.13 | 1090.13 | 1113.62 | 1109.96    | 1.65    | ppb   |
| Manganese  | 55-2  | 13.22   | 13.06   | 13.33   | 13.21      | 1.06    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-64-FL2-BRCL7 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:31:18  | DataFile Name :   | 186SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02    | 0.02     | 0.02       | 20.46   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.02    | 0.02     | 0.02       | 31.24   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01    | 0.02     | 0.02       | 22.88   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.04    | 0.03     | 0.03       | 19.86   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02    | 0.03     | 0.02       | 13.78   | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 0.59     | 0.62    | 0.56     | 0.59       | 4.58    | ppb   |
| Phosphorus | 31-2  | 649.14   | 670.48  | 592.23   | 637.28     | 6.35    | ppb   |
| Potassium  | 39-2  | 507.33   | 488.36  | 511.11   | 502.27     | 2.43    | ppb   |
| Rhodium    | 103-1 |          |         |          |            |         | %     |
| Rhodium    | 103-2 |          |         |          |            |         | %     |
| Scandium   | 45-1  |          |         |          |            |         | %     |
| Scandium   | 45-2  |          |         |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27   | -0.02    | -0.18      |         | ppb   |
| Selenium   | 78-2  | -0.07    | 0.52    | -0.03    | 0.14       | 237.18  | ppb   |
| Selenium   | 82-1  | 0.29     | 0.75    | 0.88     | 0.64       | 48.01   | ppb   |
| Silicon    | 28-1  | 1012.00  | 999.50  | 1011.07  | 1007.52    | 0.69    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01    | 0.01     | 0.01       | 24.39   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01    | 0.00     | 0.00       | 67.27   | ppb   |
| Sodium     | 23-2  | 10258.45 | 9936.96 | 10241.81 | 10145.74   | 1.78    | ppb   |
| Strontium  | 86-1  | 18.30    | 18.14   | 17.84    | 18.09      | 1.31    | ppb   |
| Strontium  | 88-1  | 18.49    | 18.31   | 18.20    | 18.33      | 0.79    | ppb   |
| Sulfur     | 34-1  | 756.86   | 765.32  | 707.70   | 743.29     | 4.19    | ppb   |
| Terbium    | 159-1 |          |         |          |            |         | %     |
| Terbium    | 159-2 |          |         |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02    | 0.02     | 0.02       | 8.39    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02    | 0.01     | 0.02       | 23.87   | ppb   |
| Tin        | 118-1 | -0.03    | -0.02   | -0.04    | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.31     | 0.47    | 0.36     | 0.38       | 21.41   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01    | 0.01     | 0.01       | 8.78    | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06    | 0.06     | 0.06       | 5.09    | ppb   |
| Yttrium    | 89-1  |          |         |          |            |         | %     |
| Yttrium    | 89-2  |          |         |          |            |         | %     |
| Zinc       | 66-2  | 17.30    | 17.05   | 17.50    | 17.28      | 1.29    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01    | 0.02     | 0.01       | 22.45   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-64-FL2-BRCL7 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:31:18  | DataFile Name :   | 186SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.02    | 0.02       | 27.32   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-29 Instrumnet Name : P7  
 Client Sample ID : DC25820-65-FL2-CL8-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:34:43 DataFile Name : 187SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.85    | 5.32    | 5.26    | 5.48       | 5.90    | ppb   |
| Antimony   | 121-1 | 0.09    | 0.07    | 0.09    | 0.08       | 13.98   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.25    | 0.23    | 0.25       | 5.63    | ppb   |
| Barium     | 135-1 | 17.00   | 17.29   | 16.86   | 17.05      | 1.30    | ppb   |
| Barium     | 137-1 | 17.37   | 17.37   | 17.05   | 17.26      | 1.09    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.26    | 6.30    | 5.95    | 6.17       | 3.05    | ppb   |
| Boron      | 11-1  | 6.66    | 6.37    | 6.75    | 6.59       | 3.04    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.05   | 0.00    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.36   | -0.79   | 0.02    | -0.37      |         | ppb   |
| Cadmium    | 108-1 | 0.09    | 0.08    | 0.13    | 0.10       | 28.83   | ppb   |
| Calcium    | 43-1  | 5173.82 | 5385.06 | 5286.63 | 5281.84    | 2.00    | ppb   |
| Calcium    | 44-1  | 5383.76 | 5507.67 | 5387.26 | 5426.23    | 1.30    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.08    | 0.07    | 0.07    | 0.07       | 9.14    | ppb   |
| Copper     | 63-2  | 174.86  | 172.43  | 172.45  | 173.25     | 0.81    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 89.86   | 87.92   | 88.62   | 88.80      | 1.11    | ppb   |
| Iron       | 57-2  | 95.92   | 93.88   | 91.43   | 93.74      | 2.40    | ppb   |
| Lead       | 206-1 | 1.35    | 1.36    | 1.36    | 1.36       | 0.38    | ppb   |
| Lead       | 207-1 | 1.27    | 1.27    | 1.26    | 1.27       | 0.44    | ppb   |
| Lead       | 208-1 | 1.31    | 1.30    | 1.30    | 1.30       | 0.42    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1265.20 | 1257.93 | 1270.11 | 1264.42    | 0.48    | ppb   |
| Manganese  | 55-2  | 11.96   | 11.74   | 11.64   | 11.78      | 1.39    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-65-FL2-CL8-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:34:43  | DataFile Name :   | 187SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.01     | 0.01       | 19.28   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.01     | 0.01     | 0.01       | 61.66   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.02     | 0.01     | 0.01       | 21.25   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.03     | 0.02     | 0.02       | 42.13   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02     | 0.03     | 0.02       | 7.53    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 16.10    | 15.78    | 15.95    | 15.94      | 1.00    | ppb   |
| Phosphorus | 31-2  | 545.60   | 521.51   | 535.24   | 534.12     | 2.26    | ppb   |
| Potassium  | 39-2  | 537.77   | 526.23   | 532.26   | 532.09     | 1.08    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.23     | -0.27    | -0.27    | -0.10      |         | ppb   |
| Selenium   | 78-2  | 1.01     | 0.09     | 0.29     | 0.47       | 104.32  | ppb   |
| Selenium   | 82-1  | 0.62     | 0.79     | 0.34     | 0.58       | 38.95   | ppb   |
| Silicon    | 28-1  | 1039.06  | 1063.15  | 1037.44  | 1046.55    | 1.38    | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.02     | 0.02       | 15.66   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.02     | 0.02       | 15.26   | ppb   |
| Sodium     | 23-2  | 10397.13 | 10299.00 | 10420.51 | 10372.21   | 0.62    | ppb   |
| Strontium  | 86-1  | 18.58    | 18.92    | 18.42    | 18.64      | 1.36    | ppb   |
| Strontium  | 88-1  | 18.92    | 19.14    | 18.93    | 19.00      | 0.66    | ppb   |
| Sulfur     | 34-1  | 454.44   | 665.17   | 624.71   | 581.44     | 19.23   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 6.81    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 6.07    | ppb   |
| Tin        | 118-1 | -0.02    | -0.04    | -0.04    | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.27     | 0.28     | 0.29     | 0.28       | 4.40    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 4.65    | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.08     | 0.07     | 0.07       | 11.84   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 384.31   | 379.85   | 377.66   | 380.61     | 0.89    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02     | 0.01     | 0.01       | 32.15   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-65-FL2-CL8-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:34:43  | DataFile Name :   | 187SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.02    | 0.01    | 0.01       | 72.16   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-30 Instrumnet Name : P7  
 Client Sample ID : DC25820-66-FL2-CL8-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:38:08 DataFile Name : 188SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.75    | 6.40    | 5.65    | 5.93       | 6.81    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.05    | 0.05       | 11.70   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.23    | 0.25    | 0.26       | 10.22   | ppb   |
| Barium     | 135-1 | 15.94   | 15.97   | 16.30   | 16.07      | 1.25    | ppb   |
| Barium     | 137-1 | 16.10   | 16.05   | 16.10   | 16.08      | 0.20    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.01    | 0.01       | 61.19   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.90    | 4.50    | 4.07    | 4.16       | 7.46    | ppb   |
| Boron      | 11-1  | 4.54    | 4.33    | 4.33    | 4.40       | 2.72    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -1.03   | -0.86   | -0.73   | -0.87      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.02    | -0.01   | 0.00       | 494.68  | ppb   |
| Calcium    | 43-1  | 5298.73 | 5181.81 | 5267.47 | 5249.34    | 1.15    | ppb   |
| Calcium    | 44-1  | 5390.01 | 5304.14 | 5401.83 | 5365.33    | 0.99    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.02    | 0.01    | 0.01       | 22.94   | ppb   |
| Copper     | 63-2  | 64.27   | 64.74   | 64.94   | 64.65      | 0.53    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 20.38   | 20.31   | 24.91   | 21.87      | 12.04   | ppb   |
| Iron       | 57-2  | 22.34   | 25.58   | 24.61   | 24.18      | 6.87    | ppb   |
| Lead       | 206-1 | 0.20    | 0.21    | 0.18    | 0.20       | 7.15    | ppb   |
| Lead       | 207-1 | 0.16    | 0.19    | 0.17    | 0.18       | 9.54    | ppb   |
| Lead       | 208-1 | 0.18    | 0.19    | 0.18    | 0.18       | 1.05    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1131.06 | 1148.08 | 1134.58 | 1137.91    | 0.79    | ppb   |
| Manganese  | 55-2  | 11.76   | 11.68   | 12.06   | 11.83      | 1.72    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-66-FL2-CL8-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:38:08  | DataFile Name :   | 188SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.01     | 0.01       | 50.05   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.02     | 0.02     | 0.01       | 30.38   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.01     | 0.01       | 35.69   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.04     | 0.04     | 0.03       | 27.67   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02     | 0.03     | 0.03       | 12.80   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.68     | 0.69     | 0.70     | 0.69       | 1.62    | ppb   |
| Phosphorus | 31-2  | 613.97   | 636.20   | 619.21   | 623.13     | 1.86    | ppb   |
| Potassium  | 39-2  | 504.16   | 519.30   | 505.02   | 509.49     | 1.67    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.24     | -0.02    | -0.27    | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.19     | -0.15    | 0.26     | 0.10       | 218.17  | ppb   |
| Selenium   | 82-1  | -0.16    | 0.43     | 0.28     | 0.18       | 166.22  | ppb   |
| Silicon    | 28-1  | 1010.65  | 989.49   | 998.36   | 999.50     | 1.06    | ppb   |
| Silver     | 109-1 | 0.00     | 0.01     | 0.01     | 0.01       | 15.35   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.01     | 0.01       | 32.26   | ppb   |
| Sodium     | 23-2  | 10450.87 | 10680.53 | 10482.39 | 10537.93   | 1.18    | ppb   |
| Strontium  | 86-1  | 18.46    | 18.42    | 18.25    | 18.38      | 0.62    | ppb   |
| Strontium  | 88-1  | 18.51    | 18.79    | 18.54    | 18.61      | 0.83    | ppb   |
| Sulfur     | 34-1  | 657.09   | 610.96   | 741.13   | 669.73     | 9.85    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.02     | 0.02       | 21.30   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 8.79    | ppb   |
| Tin        | 118-1 | -0.06    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.33     | 0.43     | 0.33     | 0.36       | 15.88   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 3.32    | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.07     | 0.07     | 0.07       | 5.87    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 7.49     | 7.59     | 7.73     | 7.60       | 1.64    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.02     | 0.02       | 36.45   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-66-FL2-CL8-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:38:08  | DataFile Name :   | 188SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.01    | 0.02       | 44.15   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV81               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:41:33 | DataFile Name :   | 189SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.42    | 1.41    | 1.53    | 1.78       | 30.98   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.01    | 0.00       | 53.59   | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.01    | 0.00    | 0.00       | 270.30  | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.01    | 0.00       | 426.50  | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.11    | 0.53    | 0.67    | 0.44       | 66.91   | ppb   |
| Boron      | 11-1  | 0.67    | 0.55    | 0.53    | 0.59       | 13.37   | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.08   | -0.07   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.31   | -1.21   | -0.98   | -0.83      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | 0.05    | 0.02       | 120.40  | ppb   |
| Calcium    | 43-1  | 12.85   | 14.22   | 11.62   | 12.90      | 10.08   | ppb   |
| Calcium    | 44-1  | 17.27   | 16.40   | 15.62   | 16.43      | 5.05    | ppb   |
| Chromium   | 52-2  | -0.02   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 257.43  | ppb   |
| Copper     | 63-2  | 0.05    | 0.07    | 0.05    | 0.06       | 19.49   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.60    | 0.59    | 0.55    | 0.58       | 4.53    | ppb   |
| Iron       | 57-2  | 0.04    | 0.40    | 1.18    | 0.54       | 107.35  | ppb   |
| Lead       | 206-1 | 520.64  | 510.58  | 512.66  | 514.63     | 1.03    | ppb   |
| Lead       | 207-1 | 490.86  | 487.27  | 512.37  | 496.83     | 2.73    | ppb   |
| Lead       | 208-1 | 512.38  | 505.82  | 513.32  | 510.51     | 0.80    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.04    | -0.07   | 0.21    | 0.06       | 231.89  | ppb   |
| Manganese  | 55-2  | 0.04    | 0.04    | 0.03    | 0.04       | 19.17   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV81               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:41:33 | DataFile Name :   | 189SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | 407.99  | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.01    | 0.01    | 0.01       | 50.41   | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | 219.32  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.02    | -0.01   | 0.01       | 154.03  | ppb   |
| Phosphorus | 31-2  | -14.89  | -13.10  | -4.10   | -10.70     |         | ppb   |
| Potassium  | 39-2  | 4.92    | 0.50    | 1.32    | 2.25       | 104.75  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.01   | 0.00    | -0.27   | -0.09      |         | ppb   |
| Selenium   | 78-2  | -0.02   | -0.27   | 0.45    | 0.05       | 697.64  | ppb   |
| Selenium   | 82-1  | -0.08   | 0.38    | -0.02   | 0.10       | 260.85  | ppb   |
| Silicon    | 28-1  | 1.11    | 1.94    | 0.58    | 1.21       | 56.79   | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 60.94   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 56.36   | ppb   |
| Sodium     | 23-2  | 21.26   | 21.09   | 22.22   | 21.52      | 2.82    | ppb   |
| Strontium  | 86-1  | -0.01   | 0.02    | 0.03    | 0.01       | 187.04  | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -245.68 | -217.35 | -333.23 | -265.42    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 6.75    | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.01    | 0.01       | 18.30   | ppb   |
| Tin        | 118-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.03    | 0.02    | 0.01    | 0.02       | 66.68   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 3043.57 | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.01    | 0.01       | 73.11   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.32    | 0.39    | 0.40    | 0.37       | 11.38   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 169.10  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV81               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:41:33 | DataFile Name :   | 189SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.01    | 0.01       | 39.17   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB81               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:44:59 | DataFile Name :   | 190SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.53   | -0.44   | -0.22   | -0.40      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.00    | 0.00       | 87.30   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 1052.47 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.21    | 0.27    | 0.25    | 0.24       | 11.99   | ppb   |
| Boron      | 11-1  | 0.32    | 0.18    | 0.21    | 0.24       | 30.71   | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.52   | -0.54   | -0.53   | -0.53      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.05    | -0.02   | 0.02       | 187.41  | ppb   |
| Calcium    | 43-1  | 12.55   | 7.24    | 9.05    | 9.61       | 28.08   | ppb   |
| Calcium    | 44-1  | 13.13   | 12.41   | 11.94   | 12.49      | 4.81    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.06    | 0.03    | 0.03    | 0.04       | 42.38   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.06    | 0.16    | 0.10    | 0.11       | 45.47   | ppb   |
| Iron       | 57-2  | -0.50   | 0.11    | -0.77   | -0.38      |         | ppb   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.04    | 0.04       | 4.59    | ppb   |
| Lead       | 207-1 | 0.04    | 0.03    | 0.02    | 0.03       | 22.94   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.03    | 0.03       | 9.85    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.10    | 0.37    | -0.03   | 0.15       | 140.10  | ppb   |
| Manganese  | 55-2  | 0.01    | 0.00    | 0.01    | 0.01       | 52.48   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB81               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:44:59 | DataFile Name :   | 190SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.00    | 0.01    | 0.01       | 60.40   | ppb   |
| Phosphorus | 31-2  | -17.00  | -14.40  | -16.81  | -16.07     |         | ppb   |
| Potassium  | 39-2  | 0.16    | 0.88    | 1.53    | 0.86       | 80.23   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.27   | -0.27   | 0.00    | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.43    | -0.05   | 0.47    | 0.28       | 100.95  | ppb   |
| Selenium   | 82-1  | 0.25    | 0.02    | 0.11    | 0.13       | 94.02   | ppb   |
| Silicon    | 28-1  | -0.57   | -0.73   | -0.53   | -0.61      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 401.53  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 2586.76 | ppb   |
| Sodium     | 23-2  | 21.27   | 20.31   | 20.84   | 20.81      | 2.31    | ppb   |
| Strontium  | 86-1  | 0.05    | 0.03    | 0.05    | 0.04       | 26.84   | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 37.86   | ppb   |
| Sulfur     | 34-1  | -333.02 | -351.85 | -321.78 | -335.55    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 5.98    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.70   | ppb   |
| Tin        | 118-1 | -0.02   | -0.02   | 0.00    | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.03    | -0.02   | -0.03   | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 185.53  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.02   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 173.56  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB81               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:44:59 | DataFile Name :   | 190SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-31 Instrumnet Name : P7  
 Client Sample ID : DC25820-67-FL2-BRCL8 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:48:27 DataFile Name : 191SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.91    | 4.39    | 4.88    | 4.73       | 6.22    | ppb   |
| Antimony   | 121-1 | 0.15    | 0.15    | 0.16    | 0.15       | 6.56    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.25    | 0.25    | 0.25       | 1.77    | ppb   |
| Barium     | 135-1 | 17.31   | 17.51   | 17.23   | 17.35      | 0.83    | ppb   |
| Barium     | 137-1 | 17.01   | 17.28   | 17.04   | 17.11      | 0.87    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.01    | 0.00       | 893.64  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.33    | 4.03    | 3.78    | 4.05       | 6.76    | ppb   |
| Boron      | 11-1  | 4.31    | 4.51    | 4.81    | 4.54       | 5.49    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.78   | -1.09   | -1.08   | -0.99      |         | ppb   |
| Cadmium    | 108-1 | 0.17    | 0.06    | 0.06    | 0.10       | 62.58   | ppb   |
| Calcium    | 43-1  | 5295.07 | 5301.34 | 5283.50 | 5293.31    | 0.17    | ppb   |
| Calcium    | 44-1  | 5420.19 | 5358.24 | 5363.34 | 5380.59    | 0.64    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.04    | 0.04    | 0.04       | 8.81    | ppb   |
| Copper     | 63-2  | 127.35  | 127.69  | 127.81  | 127.62     | 0.19    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.09   | 21.23   | 21.29   | 21.20      | 0.47    | ppb   |
| Iron       | 57-2  | 25.87   | 27.43   | 24.24   | 25.85      | 6.18    | ppb   |
| Lead       | 206-1 | 6.40    | 6.20    | 6.20    | 6.27       | 1.88    | ppb   |
| Lead       | 207-1 | 5.78    | 5.60    | 5.73    | 5.70       | 1.57    | ppb   |
| Lead       | 208-1 | 6.02    | 5.88    | 5.89    | 5.93       | 1.36    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1159.46 | 1165.52 | 1173.75 | 1166.24    | 0.61    | ppb   |
| Manganese  | 55-2  | 10.17   | 10.13   | 10.31   | 10.20      | 0.92    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-31 Instrumnet Name : P7  
 Client Sample ID : DC25820-67-FL2-BRCL8 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:48:27 DataFile Name : 191SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.01     | 0.01     | 0.01       | 70.12   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.01     | 0.03     | 0.02       | 32.70   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.02     | 0.02       | 37.46   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03     | 0.04     | 0.03       | 19.10   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.02     | 0.02       | 13.41   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.17     | 2.20     | 2.15     | 2.17       | 1.22    | ppb   |
| Phosphorus | 31-2  | 643.44   | 621.89   | 609.85   | 625.06     | 2.72    | ppb   |
| Potassium  | 39-2  | 539.94   | 535.48   | 537.40   | 537.61     | 0.42    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.24     | -0.01    | 0.25     | 0.16       | 92.15   | ppb   |
| Selenium   | 78-2  | -0.07    | 0.48     | 0.59     | 0.33       | 105.89  | ppb   |
| Selenium   | 82-1  | 0.60     | 0.19     | 0.13     | 0.31       | 82.82   | ppb   |
| Silicon    | 28-1  | 1030.38  | 1030.13  | 1031.44  | 1030.65    | 0.07    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 5.84    | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.02     | 0.01       | 13.12   | ppb   |
| Sodium     | 23-2  | 10491.83 | 10669.28 | 10740.13 | 10633.75   | 1.20    | ppb   |
| Strontium  | 86-1  | 18.72    | 18.59    | 18.60    | 18.64      | 0.39    | ppb   |
| Strontium  | 88-1  | 19.28    | 18.95    | 19.10    | 19.11      | 0.87    | ppb   |
| Sulfur     | 34-1  | 623.17   | 561.13   | 604.61   | 596.30     | 5.34    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.02     | 0.02       | 20.50   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 20.98   | ppb   |
| Tin        | 118-1 | -0.06    | -0.07    | -0.07    | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.26     | 0.37     | 0.26     | 0.30       | 20.43   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00     | 0.01     | 0.01       | 14.15   | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.08     | 0.08     | 0.08       | 6.09    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 294.22   | 293.61   | 295.07   | 294.30     | 0.25    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 14.45   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-31             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-67-FL2-BRCL8 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:48:27  | DataFile Name :   | 191SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.01    | 0.02       | 53.09   | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-32 Instrumnet Name : P7  
 Client Sample ID : DC25820-68-FL2-BRCL8 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:51:52 DataFile Name : 192SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.50    | 5.17    | 6.21    | 5.63       | 9.44    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 5.72    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.28    | 0.26    | 0.28       | 6.01    | ppb   |
| Barium     | 135-1 | 16.94   | 16.99   | 16.64   | 16.86      | 1.12    | ppb   |
| Barium     | 137-1 | 16.75   | 16.80   | 17.14   | 16.90      | 1.27    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 204.45  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.29    | 3.93    | 4.24    | 4.15       | 4.65    | ppb   |
| Boron      | 11-1  | 4.20    | 4.13    | 4.52    | 4.28       | 4.95    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.07   | -0.10   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -0.98   | -1.08   | -1.49   | -1.19      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.04    | 0.02    | 0.04       | 37.90   | ppb   |
| Calcium    | 43-1  | 5177.43 | 5449.10 | 5249.74 | 5292.09    | 2.66    | ppb   |
| Calcium    | 44-1  | 5292.10 | 5527.19 | 5318.39 | 5379.23    | 2.39    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 38.14   | ppb   |
| Copper     | 63-2  | 133.93  | 133.11  | 131.60  | 132.88     | 0.89    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 17.83   | 17.57   | 18.10   | 17.83      | 1.48    | ppb   |
| Iron       | 57-2  | 23.36   | 23.13   | 21.71   | 22.73      | 3.92    | ppb   |
| Lead       | 206-1 | 1.05    | 1.07    | 1.08    | 1.07       | 1.52    | ppb   |
| Lead       | 207-1 | 1.01    | 0.95    | 1.00    | 0.99       | 3.22    | ppb   |
| Lead       | 208-1 | 1.03    | 1.01    | 1.03    | 1.02       | 1.00    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1138.33 | 1150.31 | 1140.49 | 1143.04    | 0.56    | ppb   |
| Manganese  | 55-2  | 10.43   | 10.23   | 10.38   | 10.35      | 1.02    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-68-FL2-BRCL8 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:51:52  | DataFile Name :   | 192SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.01     | 0.01     | 0.01       | 24.54   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.03     | 0.03       | 16.11   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.02     | 0.02       | 8.61    | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.02     | 0.03     | 0.03       | 24.91   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.02     | 0.03       | 14.60   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.37     | 0.37     | 0.37     | 0.37       | 0.94    | ppb   |
| Phosphorus | 31-2  | 709.56   | 653.47   | 686.88   | 683.31     | 4.13    | ppb   |
| Potassium  | 39-2  | 520.50   | 527.76   | 523.28   | 523.85     | 0.70    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.01    | -0.27    | -0.01    | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.16     | -0.06    | 0.58     | 0.23       | 144.40  | ppb   |
| Selenium   | 82-1  | 0.43     | -0.38    | 0.24     | 0.10       | 424.35  | ppb   |
| Silicon    | 28-1  | 1037.95  | 1047.20  | 1037.65  | 1040.93    | 0.52    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 14.75   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 20.85   | ppb   |
| Sodium     | 23-2  | 10597.08 | 10707.04 | 10540.57 | 10614.90   | 0.80    | ppb   |
| Strontium  | 86-1  | 18.96    | 18.80    | 18.76    | 18.84      | 0.56    | ppb   |
| Strontium  | 88-1  | 19.03    | 19.19    | 19.19    | 19.14      | 0.48    | ppb   |
| Sulfur     | 34-1  | 625.75   | 682.84   | 543.29   | 617.29     | 11.37   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 11.00   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 13.03   | ppb   |
| Tin        | 118-1 | -0.06    | -0.07    | -0.07    | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.28     | 0.34     | 0.29     | 0.31       | 10.59   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 19.13   | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.07     | 0.06     | 0.07       | 10.17   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 19.77    | 19.86    | 19.58    | 19.74      | 0.73    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.01     | 0.01       | 20.54   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-68-FL2-BRCL8 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:51:52  | DataFile Name :   | 192SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.02    | 0.02       | 45.14   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-33 Instrumnet Name : P7  
 Client Sample ID : DC25820-69-FL2-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:55:18 DataFile Name : 193SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.38    | 7.97    | 7.99    | 8.12       | 2.87    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.05    | 0.05       | 13.95   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.21    | 0.20    | 0.21       | 5.57    | ppb   |
| Barium     | 135-1 | 15.11   | 15.21   | 15.00   | 15.10      | 0.69    | ppb   |
| Barium     | 137-1 | 15.64   | 15.64   | 15.40   | 15.56      | 0.92    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 8.72    | 9.67    | 9.13    | 9.17       | 5.18    | ppb   |
| Boron      | 11-1  | 9.29    | 9.53    | 9.82    | 9.55       | 2.79    | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.44   | -0.12   | -0.35   | -0.30      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.04    | 0.04    | 0.04       | 20.10   | ppb   |
| Calcium    | 43-1  | 5141.04 | 5207.04 | 5104.11 | 5150.73    | 1.01    | ppb   |
| Calcium    | 44-1  | 5262.62 | 5246.16 | 5143.17 | 5217.32    | 1.24    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | 0.23    | 0.23    | 0.24    | 0.23       | 0.98    | ppb   |
| Copper     | 63-2  | 265.79  | 266.97  | 267.33  | 266.70     | 0.30    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 194.62  | 200.35  | 197.19  | 197.39     | 1.45    | ppb   |
| Iron       | 57-2  | 206.70  | 206.80  | 202.10  | 205.20     | 1.31    | ppb   |
| Lead       | 206-1 | 1.00    | 1.00    | 0.97    | 0.99       | 1.49    | ppb   |
| Lead       | 207-1 | 0.87    | 0.89    | 0.91    | 0.89       | 2.13    | ppb   |
| Lead       | 208-1 | 0.94    | 0.93    | 0.93    | 0.93       | 0.49    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1414.98 | 1429.05 | 1414.90 | 1419.64    | 0.57    | ppb   |
| Manganese  | 55-2  | 24.01   | 24.31   | 24.41   | 24.24      | 0.85    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-69-FL2-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:55:18  | DataFile Name :   | 193SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.01     | 0.01     | 0.01       | 11.76   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.02     | 0.01     | 0.01       | 32.63   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.03     | 0.02       | 19.36   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.01     | 0.02     | 0.01       | 13.81   | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.02     | 0.02     | 0.02       | 23.12   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.30     | 2.37     | 2.29     | 2.32       | 1.94    | ppb   |
| Phosphorus | 31-2  | 517.72   | 498.34   | 528.30   | 514.78     | 2.95    | ppb   |
| Potassium  | 39-2  | 521.29   | 520.11   | 519.44   | 520.28     | 0.18    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.24     | -0.27    | -0.27    | -0.10      |         | ppb   |
| Selenium   | 78-2  | -0.34    | 0.61     | 0.76     | 0.35       | 172.10  | ppb   |
| Selenium   | 82-1  | 0.43     | 0.59     | 0.80     | 0.61       | 31.26   | ppb   |
| Silicon    | 28-1  | 1106.86  | 1099.33  | 1148.60  | 1118.26    | 2.37    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 24.85   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 5.05    | ppb   |
| Sodium     | 23-2  | 10146.70 | 10248.76 | 10213.29 | 10202.92   | 0.51    | ppb   |
| Strontium  | 86-1  | 18.38    | 18.09    | 18.14    | 18.20      | 0.85    | ppb   |
| Strontium  | 88-1  | 18.35    | 18.31    | 18.21    | 18.29      | 0.41    | ppb   |
| Sulfur     | 34-1  | 716.55   | 771.02   | 699.67   | 729.08     | 5.11    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 6.49    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 6.02    | ppb   |
| Tin        | 118-1 | -0.01    | 0.00     | 0.00     | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.21     | 0.31     | 0.29     | 0.27       | 20.61   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.01     | 0.01     | 0.01       | 26.09   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05     | 0.06     | 0.05       | 8.54    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 194.27   | 196.41   | 194.24   | 194.98     | 0.64    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.01     | 0.02       | 12.24   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-69-FL2-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:55:18  | DataFile Name :   | 193SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.01    | 0.01       | 79.49   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-34 Instrumnet Name : P7  
 Client Sample ID : DC25820-70-FL2-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:58:43 DataFile Name : 194SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.35    | 9.47    | 8.28    | 9.03       | 7.27    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.04    | 0.04       | 8.80    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.20    | 0.26    | 0.23       | 13.97   | ppb   |
| Barium     | 135-1 | 15.41   | 15.47   | 15.62   | 15.50      | 0.71    | ppb   |
| Barium     | 137-1 | 15.66   | 15.38   | 15.47   | 15.50      | 0.92    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 777.05  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 9.61    | 10.13   | 10.91   | 10.22      | 6.38    | ppb   |
| Boron      | 11-1  | 10.31   | 10.32   | 11.13   | 10.59      | 4.42    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.67   | -0.42   | -0.69   | -0.59      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.06    | 0.04    | 0.05       | 35.48   | ppb   |
| Calcium    | 43-1  | 5166.18 | 5129.47 | 5027.90 | 5107.85    | 1.40    | ppb   |
| Calcium    | 44-1  | 5280.10 | 5189.77 | 5120.38 | 5196.75    | 1.54    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.03    | 0.03    | 0.04       | 26.54   | ppb   |
| Cobalt     | 59-2  | 0.27    | 0.26    | 0.25    | 0.26       | 4.15    | ppb   |
| Copper     | 63-2  | 277.51  | 269.09  | 266.73  | 271.11     | 2.09    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 241.80  | 231.48  | 231.60  | 234.96     | 2.52    | ppb   |
| Iron       | 57-2  | 251.74  | 244.54  | 235.74  | 244.00     | 3.28    | ppb   |
| Lead       | 206-1 | 0.32    | 0.31    | 0.30    | 0.31       | 3.76    | ppb   |
| Lead       | 207-1 | 0.28    | 0.27    | 0.30    | 0.29       | 4.68    | ppb   |
| Lead       | 208-1 | 0.30    | 0.29    | 0.29    | 0.29       | 1.25    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1525.99 | 1469.02 | 1445.10 | 1480.04    | 2.81    | ppb   |
| Manganese  | 55-2  | 27.82   | 26.75   | 26.61   | 27.06      | 2.44    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-70-FL2-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:58:43  | DataFile Name :   | 194SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.02     | 0.01     | 0.01       | 68.06   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.03     | 0.00     | 0.02       | 66.13   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.01     | 0.01       | 52.50   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.03     | 0.02     | 0.02       | 57.02   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 22.62   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.98     | 0.95     | 1.00     | 0.98       | 2.63    | ppb   |
| Phosphorus | 31-2  | 563.89   | 531.28   | 531.81   | 542.32     | 3.44    | ppb   |
| Potassium  | 39-2  | 548.53   | 530.18   | 528.13   | 535.61     | 2.10    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | -0.01    | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.23     | 0.41     | 0.23     | 0.29       | 35.69   | ppb   |
| Selenium   | 82-1  | 0.10     | 0.32     | 0.88     | 0.43       | 93.25   | ppb   |
| Silicon    | 28-1  | 1114.63  | 1087.41  | 1084.68  | 1095.57    | 1.51    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 16.27   | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.00     | 0.01       | 12.27   | ppb   |
| Sodium     | 23-2  | 10823.48 | 10333.40 | 10227.61 | 10461.50   | 3.04    | ppb   |
| Strontium  | 86-1  | 18.07    | 17.92    | 18.11    | 18.03      | 0.53    | ppb   |
| Strontium  | 88-1  | 18.30    | 18.30    | 18.19    | 18.27      | 0.34    | ppb   |
| Sulfur     | 34-1  | 720.73   | 723.28   | 699.72   | 714.57     | 1.81    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02     | 0.01       | 12.07   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 11.18   | ppb   |
| Tin        | 118-1 | -0.05    | -0.07    | -0.07    | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.28     | 0.22     | 0.28     | 0.26       | 11.66   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 24.56   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06     | 0.05     | 0.05       | 2.91    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 17.31    | 16.95    | 16.75    | 17.00      | 1.68    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02     | 0.02     | 0.01       | 20.01   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-70-FL2-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:58:43  | DataFile Name :   | 194SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.03    | 0.02       | 27.74   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-35 Instrumnet Name : P7  
 Client Sample ID : DC25820-71-FL2-ER-W4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 03:02:09 DataFile Name : 195SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.01   | 11.01   | 12.74   | 11.58      | 8.63    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.05    | 0.05       | 15.90   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.24    | 0.25    | 0.24       | 2.12    | ppb   |
| Barium     | 135-1 | 15.18   | 15.22   | 15.72   | 15.37      | 1.96    | ppb   |
| Barium     | 137-1 | 15.35   | 15.57   | 15.66   | 15.53      | 1.03    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 275.31  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 8.79    | 9.88    | 9.90    | 9.52       | 6.68    | ppb   |
| Boron      | 11-1  | 9.72    | 10.42   | 10.49   | 10.21      | 4.19    | ppb   |
| Cadmium    | 111-1 | -0.02   | 0.02    | 0.01    | 0.00       | 376.72  | ppb   |
| Cadmium    | 106-1 | -0.53   | 0.03    | -0.19   | -0.23      |         | ppb   |
| Cadmium    | 108-1 | 0.13    | 0.22    | 0.11    | 0.15       | 37.50   | ppb   |
| Calcium    | 43-1  | 5106.65 | 5134.08 | 5168.38 | 5136.37    | 0.60    | ppb   |
| Calcium    | 44-1  | 5203.87 | 5181.40 | 5180.76 | 5188.68    | 0.25    | ppb   |
| Chromium   | 52-2  | 0.01    | -0.02   | -0.01   | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.32    | 0.31    | 0.32    | 0.31       | 0.84    | ppb   |
| Copper     | 63-2  | 309.31  | 310.15  | 309.28  | 309.58     | 0.16    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 219.64  | 219.08  | 218.19  | 218.97     | 0.33    | ppb   |
| Iron       | 57-2  | 223.54  | 223.96  | 224.50  | 224.00     | 0.22    | ppb   |
| Lead       | 206-1 | 4.52    | 4.54    | 4.56    | 4.54       | 0.46    | ppb   |
| Lead       | 207-1 | 4.15    | 4.23    | 4.22    | 4.20       | 1.02    | ppb   |
| Lead       | 208-1 | 4.33    | 4.36    | 4.38    | 4.36       | 0.55    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1400.43 | 1401.00 | 1410.43 | 1403.95    | 0.40    | ppb   |
| Manganese  | 55-2  | 33.93   | 33.86   | 33.78   | 33.86      | 0.22    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-35             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-71-FL2-ER-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:02:09  | DataFile Name :   | 195SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.01     | 0.02       | 23.74   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.01     | 0.01     | 0.02       | 41.66   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.02     | 0.01     | 0.01       | 45.95   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.01     | 0.03     | 0.02       | 45.59   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.01     | 0.02     | 0.02       | 18.09   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.75     | 4.94     | 4.66     | 4.78       | 2.99    | ppb   |
| Phosphorus | 31-2  | 517.66   | 517.52   | 493.41   | 509.53     | 2.74    | ppb   |
| Potassium  | 39-2  | 524.46   | 529.00   | 520.77   | 524.74     | 0.79    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.24     | -0.27    | -0.27    | -0.10      |         | ppb   |
| Selenium   | 78-2  | 0.06     | -0.07    | 0.62     | 0.20       | 180.79  | ppb   |
| Selenium   | 82-1  | -0.09    | 0.39     | 0.10     | 0.13       | 181.73  | ppb   |
| Silicon    | 28-1  | 1105.41  | 1083.69  | 1089.28  | 1092.79    | 1.03    | ppb   |
| Silver     | 109-1 | 0.05     | 0.06     | 0.06     | 0.06       | 7.33    | ppb   |
| Silver     | 107-1 | 0.06     | 0.06     | 0.05     | 0.06       | 7.92    | ppb   |
| Sodium     | 23-2  | 10094.84 | 10038.14 | 10168.20 | 10100.40   | 0.65    | ppb   |
| Strontium  | 86-1  | 17.57    | 18.17    | 18.17    | 17.97      | 1.92    | ppb   |
| Strontium  | 88-1  | 18.23    | 18.50    | 18.25    | 18.33      | 0.81    | ppb   |
| Sulfur     | 34-1  | 788.53   | 751.17   | 749.83   | 763.18     | 2.88    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.02     | 0.02       | 32.68   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 5.59    | ppb   |
| Tin        | 118-1 | 0.21     | 0.21     | 0.20     | 0.21       | 3.14    | ppb   |
| Titanium   | 47-1  | 0.41     | 0.41     | 0.43     | 0.42       | 2.39    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.01     | 0.00       | 49.11   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06     | 0.07     | 0.06       | 1.61    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 286.28   | 284.50   | 285.88   | 285.55     | 0.33    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.03     | 0.02       | 30.59   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-35             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-71-FL2-ER-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:02:09  | DataFile Name :   | 195SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.02    | 0.02       | 24.06   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-36 Instrumnet Name : P7  
 Client Sample ID : DC25820-72-FL2-ER-W4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 03:05:34 DataFile Name : 196SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.62    | 5.47    | 5.89    | 5.66       | 3.80    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 2.13    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.21    | 0.17    | 0.21       | 21.61   | ppb   |
| Barium     | 135-1 | 14.47   | 14.59   | 14.61   | 14.56      | 0.52    | ppb   |
| Barium     | 137-1 | 14.64   | 14.33   | 14.73   | 14.57      | 1.46    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 9.57    | 9.74    | 9.64    | 9.65       | 0.87    | ppb   |
| Boron      | 11-1  | 9.93    | 9.44    | 9.93    | 9.77       | 2.89    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.05   | -0.07   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.63   | -0.73   | -0.98   | -0.78      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.06    | -0.01   | 0.02       | 230.51  | ppb   |
| Calcium    | 43-1  | 5134.02 | 5175.01 | 5237.96 | 5182.33    | 1.01    | ppb   |
| Calcium    | 44-1  | 5204.88 | 5240.95 | 5266.28 | 5237.37    | 0.59    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.22    | 0.24    | 0.23    | 0.23       | 4.90    | ppb   |
| Copper     | 63-2  | 274.74  | 277.22  | 275.23  | 275.73     | 0.48    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 191.36  | 190.05  | 192.84  | 191.42     | 0.73    | ppb   |
| Iron       | 57-2  | 203.32  | 198.15  | 197.69  | 199.72     | 1.56    | ppb   |
| Lead       | 206-1 | 0.45    | 0.48    | 0.47    | 0.46       | 3.20    | ppb   |
| Lead       | 207-1 | 0.43    | 0.44    | 0.43    | 0.43       | 0.82    | ppb   |
| Lead       | 208-1 | 0.45    | 0.46    | 0.45    | 0.45       | 2.18    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1464.50 | 1447.90 | 1452.92 | 1455.11    | 0.59    | ppb   |
| Manganese  | 55-2  | 23.42   | 22.98   | 23.44   | 23.28      | 1.12    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-36             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-72-FL2-ER-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:05:34  | DataFile Name :   | 196SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.02     | 0.02       | 26.95   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.01     | 0.03     | 0.02       | 44.47   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.01     | 0.01       | 52.02   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03     | 0.03     | 0.03       | 11.13   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.03     | 0.02       | 23.13   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.11     | 1.10     | 1.12     | 1.11       | 0.55    | ppb   |
| Phosphorus | 31-2  | 494.28   | 507.41   | 517.38   | 506.36     | 2.29    | ppb   |
| Potassium  | 39-2  | 520.52   | 518.55   | 514.21   | 517.76     | 0.62    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.24     | -0.01    | -0.27    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.05     | 0.06     | 0.10     | 0.07       | 37.62   | ppb   |
| Selenium   | 82-1  | 0.52     | 0.36     | 0.02     | 0.30       | 85.21   | ppb   |
| Silicon    | 28-1  | 1043.91  | 1052.01  | 1059.90  | 1051.94    | 0.76    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 20.76   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 16.43   | ppb   |
| Sodium     | 23-2  | 10325.43 | 10209.65 | 10257.03 | 10264.03   | 0.57    | ppb   |
| Strontium  | 86-1  | 18.06    | 18.23    | 18.10    | 18.13      | 0.50    | ppb   |
| Strontium  | 88-1  | 18.04    | 18.36    | 18.42    | 18.27      | 1.11    | ppb   |
| Sulfur     | 34-1  | 689.38   | 801.01   | 805.16   | 765.19     | 8.58    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 9.45    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.02     | 0.01       | 20.64   | ppb   |
| Tin        | 118-1 | -0.04    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.27     | 0.28     | 0.21     | 0.25       | 15.14   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00     | 0.01     | 0.01       | 18.81   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.04     | 0.05     | 0.05       | 11.01   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 19.75    | 19.41    | 19.56    | 19.57      | 0.87    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02     | 0.01     | 0.01       | 29.05   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-36             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-72-FL2-ER-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:05:34  | DataFile Name :   | 196SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.02       | 48.76   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-37 Instrumnet Name : P7  
 Client Sample ID : DC25820-73-FL2-BROP( Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 03:09:00 DataFile Name : 197SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.77    | 4.08    | 3.90    | 4.25       | 10.85   | ppb   |
| Antimony   | 121-1 | 0.13    | 0.13    | 0.12    | 0.13       | 4.22    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.20    | 0.25    | 0.23       | 11.99   | ppb   |
| Barium     | 135-1 | 15.06   | 15.01   | 15.43   | 15.17      | 1.50    | ppb   |
| Barium     | 137-1 | 15.63   | 15.36   | 15.89   | 15.63      | 1.70    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.00       | 222.24  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.97    | 8.69    | 7.78    | 8.14       | 5.93    | ppb   |
| Boron      | 11-1  | 8.84    | 8.83    | 8.42    | 8.69       | 2.75    | ppb   |
| Cadmium    | 111-1 | 0.10    | 0.05    | 0.10    | 0.08       | 31.50   | ppb   |
| Cadmium    | 106-1 | 0.06    | -0.55   | -0.15   | -0.22      |         | ppb   |
| Cadmium    | 108-1 | 0.37    | 0.34    | 0.29    | 0.33       | 11.87   | ppb   |
| Calcium    | 43-1  | 5078.20 | 5212.13 | 5171.04 | 5153.79    | 1.33    | ppb   |
| Calcium    | 44-1  | 5129.43 | 5262.46 | 5192.56 | 5194.82    | 1.28    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.02   | -0.05   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.16    | 0.17    | 0.17    | 0.17       | 5.76    | ppb   |
| Copper     | 63-2  | 166.09  | 164.87  | 164.87  | 165.28     | 0.43    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 107.62  | 109.02  | 107.46  | 108.03     | 0.79    | ppb   |
| Iron       | 57-2  | 113.38  | 114.44  | 111.73  | 113.18     | 1.21    | ppb   |
| Lead       | 206-1 | 10.16   | 10.35   | 10.43   | 10.31      | 1.37    | ppb   |
| Lead       | 207-1 | 9.49    | 9.55    | 9.37    | 9.47       | 0.93    | ppb   |
| Lead       | 208-1 | 9.77    | 9.95    | 9.80    | 9.84       | 0.96    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1283.67 | 1286.00 | 1275.84 | 1281.84    | 0.42    | ppb   |
| Manganese  | 55-2  | 17.69   | 17.88   | 17.64   | 17.74      | 0.71    | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-37 Instrumnet Name : P7  
 Client Sample ID : DC25820-73-FL2-BROP( Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 03:09:00 DataFile Name : 197SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.01     | 0.01       | 44.46   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.03     | 0.01     | 0.02       | 45.00   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.01     | 0.02     | 0.01       | 26.86   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.01     | 0.01     | 0.02       | 43.59   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 10.85   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 16.80    | 16.92    | 16.39    | 16.70      | 1.64    | ppb   |
| Phosphorus | 31-2  | 499.77   | 504.65   | 519.78   | 508.06     | 2.05    | ppb   |
| Potassium  | 39-2  | 513.30   | 520.45   | 521.21   | 518.32     | 0.84    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.24     | -0.27    | -0.01    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.06     | 0.28     | 0.27     | 0.21       | 60.04   | ppb   |
| Selenium   | 82-1  | 0.40     | 0.69     | 0.29     | 0.46       | 45.60   | ppb   |
| Silicon    | 28-1  | 1065.45  | 1070.92  | 1091.19  | 1075.86    | 1.26    | ppb   |
| Silver     | 109-1 | 0.05     | 0.04     | 0.10     | 0.07       | 48.75   | ppb   |
| Silver     | 107-1 | 0.05     | 0.05     | 0.04     | 0.05       | 4.38    | ppb   |
| Sodium     | 23-2  | 10295.93 | 10147.89 | 10188.77 | 10210.86   | 0.75    | ppb   |
| Strontium  | 86-1  | 18.09    | 18.23    | 17.73    | 18.01      | 1.44    | ppb   |
| Strontium  | 88-1  | 18.33    | 18.56    | 18.29    | 18.40      | 0.78    | ppb   |
| Sulfur     | 34-1  | 685.59   | 800.27   | 803.52   | 763.13     | 8.80    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 24.55   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 7.60    | ppb   |
| Tin        | 118-1 | -0.05    | -0.04    | -0.05    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.24     | 0.23     | 0.24     | 0.24       | 3.99    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 25.20   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.07     | 0.07     | 0.07       | 14.47   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 806.91   | 805.51   | 799.95   | 804.12     | 0.46    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02     | 0.01     | 0.01       | 9.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-37            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-73-FL2-BROP | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:09:00 | DataFile Name :   | 197SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.01    | 0.01       | 20.19   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-38 Instrumnet Name : P7  
 Client Sample ID : DC25820-74-FL2-BROP( Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 03:12:26 DataFile Name : 198SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.45    | 6.20    | 5.53    | 6.40       | 15.21   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.05    | 0.05       | 14.14   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.25    | 0.28    | 0.26       | 6.73    | ppb   |
| Barium     | 135-1 | 15.86   | 15.30   | 15.43   | 15.53      | 1.90    | ppb   |
| Barium     | 137-1 | 15.35   | 15.41   | 15.67   | 15.48      | 1.10    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.20    | 3.60    | 5.13    | 4.31       | 17.92   | ppb   |
| Boron      | 11-1  | 4.55    | 4.34    | 4.67    | 4.52       | 3.75    | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.02   | -0.05   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -1.75   | -0.35   | -0.71   | -0.93      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.05    | -0.01   | 0.02       | 168.85  | ppb   |
| Calcium    | 43-1  | 5245.62 | 5229.39 | 5094.48 | 5189.83    | 1.60    | ppb   |
| Calcium    | 44-1  | 5295.06 | 5224.25 | 5141.66 | 5220.32    | 1.47    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.01    | 0.02    | 0.01       | 49.20   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.02    | 0.02    | 0.02       | 18.82   | ppb   |
| Copper     | 63-2  | 31.96   | 31.89   | 32.24   | 32.03      | 0.59    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.86   | 23.02   | 23.06   | 23.32      | 2.04    | ppb   |
| Iron       | 57-2  | 26.65   | 29.13   | 27.84   | 27.87      | 4.46    | ppb   |
| Lead       | 206-1 | 0.55    | 0.57    | 0.55    | 0.56       | 2.60    | ppb   |
| Lead       | 207-1 | 0.48    | 0.51    | 0.51    | 0.50       | 3.10    | ppb   |
| Lead       | 208-1 | 0.52    | 0.53    | 0.52    | 0.52       | 0.78    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1127.41 | 1117.44 | 1141.15 | 1128.67    | 1.05    | ppb   |
| Manganese  | 55-2  | 13.47   | 13.54   | 13.39   | 13.47      | 0.58    | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-38 Instrumnet Name : P7  
 Client Sample ID : DC25820-74-FL2-BROP( Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 03:12:26 DataFile Name : 198SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03     | 0.02     | 0.02       | 31.09   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.02     | 0.02     | 0.02       | 24.64   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.01     | 0.02       | 24.44   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.02     | 0.03     | 0.03       | 19.85   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.03     | 0.03       | 7.49    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.98     | 1.93     | 2.02     | 1.98       | 2.16    | ppb   |
| Phosphorus | 31-2  | 619.19   | 611.20   | 637.36   | 622.58     | 2.15    | ppb   |
| Potassium  | 39-2  | 508.94   | 501.55   | 512.49   | 507.66     | 1.10    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.02    | 0.23     | -0.27    | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.78     | 0.34     | 0.55     | 0.56       | 39.57   | ppb   |
| Selenium   | 82-1  | 0.33     | 0.13     | 0.08     | 0.18       | 74.06   | ppb   |
| Silicon    | 28-1  | 1009.80  | 993.51   | 990.26   | 997.85     | 1.05    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 23.70   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.00     | 0.01       | 33.71   | ppb   |
| Sodium     | 23-2  | 10383.28 | 10127.66 | 10406.10 | 10305.68   | 1.50    | ppb   |
| Strontium  | 86-1  | 18.01    | 17.92    | 17.92    | 17.95      | 0.28    | ppb   |
| Strontium  | 88-1  | 17.98    | 18.06    | 18.29    | 18.11      | 0.90    | ppb   |
| Sulfur     | 34-1  | 702.24   | 634.59   | 643.30   | 660.04     | 5.58    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.01     | 0.01       | 26.25   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.02     | 0.01       | 14.78   | ppb   |
| Tin        | 118-1 | -0.06    | -0.05    | -0.07    | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.30     | 0.35     | 0.34     | 0.33       | 7.83    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.00     | 0.01       | 26.60   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.07     | 0.08     | 0.07       | 18.48   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 25.04    | 25.27    | 25.28    | 25.20      | 0.55    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.01     | 0.02       | 11.16   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-38            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-74-FL2-BROP | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:12:26 | DataFile Name :   | 198SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.02    | 0.01    | 0.02       | 90.94   | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-39 Instrumnet Name : P7  
 Client Sample ID : DC25820-75-ROOF-BRC Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 03:15:52 DataFile Name : 199SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.37    | 5.97    | 6.28    | 6.87       | 19.01   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.06    | 0.05    | 0.05       | 14.93   | ppb   |
| Arsenic    | 75-2  | 0.38    | 0.29    | 0.29    | 0.32       | 16.70   | ppb   |
| Barium     | 135-1 | 15.37   | 15.39   | 15.87   | 15.54      | 1.82    | ppb   |
| Barium     | 137-1 | 15.49   | 15.19   | 15.63   | 15.43      | 1.44    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.00    | 4.03    | 4.46    | 4.16       | 6.11    | ppb   |
| Boron      | 11-1  | 4.80    | 4.76    | 4.66    | 4.74       | 1.46    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.03   | -0.07   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.55   | -0.44   | -1.06   | -0.68      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.05    | 0.09    | 0.05       | 64.93   | ppb   |
| Calcium    | 43-1  | 5196.88 | 5187.57 | 5129.69 | 5171.38    | 0.70    | ppb   |
| Calcium    | 44-1  | 5262.25 | 5287.24 | 5182.53 | 5244.01    | 1.04    | ppb   |
| Chromium   | 52-2  | 0.02    | -0.02   | -0.03   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.05    | 0.04    | 0.04       | 13.83   | ppb   |
| Copper     | 63-2  | 61.20   | 50.77   | 50.92   | 54.30      | 11.01   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 31.08   | 25.74   | 25.90   | 27.57      | 11.02   | ppb   |
| Iron       | 57-2  | 38.48   | 31.09   | 30.87   | 33.48      | 12.94   | ppb   |
| Lead       | 206-1 | 0.84    | 0.85    | 0.82    | 0.84       | 1.87    | ppb   |
| Lead       | 207-1 | 0.79    | 0.79    | 0.76    | 0.78       | 2.34    | ppb   |
| Lead       | 208-1 | 0.82    | 0.82    | 0.80    | 0.82       | 1.70    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1403.98 | 1153.57 | 1169.79 | 1242.44    | 11.28   | ppb   |
| Manganese  | 55-2  | 18.98   | 15.80   | 15.35   | 16.71      | 11.82   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-39            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-75-ROOF-BRC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:15:52 | DataFile Name :   | 199SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.01     | 0.02     | 0.01       | 33.04   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.02     | 0.02     | 0.01       | 31.83   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.03     | 0.02       | 18.88   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.02     | 0.03     | 0.03       | 18.15   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02     | 0.02     | 0.02       | 29.01   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.18     | 2.52     | 2.69     | 2.80       | 12.10   | ppb   |
| Phosphorus | 31-2  | 765.82   | 634.44   | 659.44   | 686.57     | 10.16   | ppb   |
| Potassium  | 39-2  | 627.74   | 512.62   | 517.50   | 552.62     | 11.78   | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.35     | -0.01    | -0.01    | 0.11       | 193.08  | ppb   |
| Selenium   | 78-2  | 0.32     | -0.23    | 0.07     | 0.05       | 506.36  | ppb   |
| Selenium   | 82-1  | -0.05    | 0.27     | 0.13     | 0.12       | 137.85  | ppb   |
| Silicon    | 28-1  | 992.61   | 1002.28  | 991.23   | 995.37     | 0.61    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 4.55    | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.01     | 0.01       | 26.06   | ppb   |
| Sodium     | 23-2  | 12544.27 | 10407.15 | 10358.10 | 11103.18   | 11.24   | ppb   |
| Strontium  | 86-1  | 17.98    | 18.08    | 17.82    | 17.96      | 0.74    | ppb   |
| Strontium  | 88-1  | 18.35    | 18.42    | 18.17    | 18.31      | 0.70    | ppb   |
| Sulfur     | 34-1  | 641.67   | 760.34   | 567.92   | 656.64     | 14.78   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 3.19    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 6.58    | ppb   |
| Tin        | 118-1 | -0.04    | -0.05    | -0.06    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.48     | 0.28     | 0.25     | 0.34       | 36.19   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.01     | 0.01     | 0.01       | 11.38   | ppb   |
| Vanadium   | 51-2  | 0.09     | 0.07     | 0.07     | 0.08       | 15.06   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 41.81    | 35.40    | 34.96    | 37.39      | 10.25   | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.01     | 0.01       | 28.51   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-39            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-75-ROOF-BRC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:15:52 | DataFile Name :   | 199SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.01    | 0.01       | 39.18   | ppb   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-40 Instrumnet Name : P7  
 Client Sample ID : DC25820-76-ROOF-BRC Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 03:19:17 DataFile Name : 200SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.69    | 6.25    | 5.34    | 6.43       | 18.40   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.06    | 0.05       | 16.30   | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.31    | 0.26    | 0.28       | 8.29    | ppb   |
| Barium     | 135-1 | 15.68   | 15.29   | 15.53   | 15.50      | 1.27    | ppb   |
| Barium     | 137-1 | 15.60   | 15.50   | 15.56   | 15.55      | 0.33    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 156.04  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.52    | 4.07    | 4.47    | 4.35       | 5.60    | ppb   |
| Boron      | 11-1  | 4.43    | 4.56    | 4.63    | 4.54       | 2.30    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.54   | -0.37   | -0.38   | -0.43      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | 0.04    | 0.02       | 123.31  | ppb   |
| Calcium    | 43-1  | 5242.70 | 5092.74 | 5129.07 | 5154.84    | 1.52    | ppb   |
| Calcium    | 44-1  | 5351.89 | 5213.10 | 5210.14 | 5258.37    | 1.54    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 9.96    | ppb   |
| Copper     | 63-2  | 37.87   | 38.03   | 38.46   | 38.12      | 0.80    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.25   | 22.07   | 22.75   | 22.36      | 1.58    | ppb   |
| Iron       | 57-2  | 26.38   | 28.69   | 29.78   | 28.28      | 6.15    | ppb   |
| Lead       | 206-1 | 0.53    | 0.55    | 0.55    | 0.55       | 1.72    | ppb   |
| Lead       | 207-1 | 0.53    | 0.49    | 0.52    | 0.51       | 4.26    | ppb   |
| Lead       | 208-1 | 0.52    | 0.52    | 0.53    | 0.52       | 0.64    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1153.84 | 1145.50 | 1145.56 | 1148.30    | 0.42    | ppb   |
| Manganese  | 55-2  | 14.21   | 14.21   | 14.37   | 14.26      | 0.67    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-40            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-76-ROOF-BRC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:19:17 | DataFile Name :   | 200SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.02     | 0.02       | 15.10   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.02     | 0.02       | 3.23    | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.02     | 0.02       | 14.16   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.04     | 0.02     | 0.03       | 40.28   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.03     | 0.02       | 11.44   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.22     | 2.31     | 2.20     | 2.24       | 2.56    | ppb   |
| Phosphorus | 31-2  | 654.58   | 732.19   | 643.15   | 676.64     | 7.16    | ppb   |
| Potassium  | 39-2  | 520.44   | 518.20   | 514.94   | 517.86     | 0.53    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.27    | -0.27    | -0.01    | -0.18      |         | ppb   |
| Selenium   | 78-2  | 0.41     | 0.43     | 0.36     | 0.40       | 7.93    | ppb   |
| Selenium   | 82-1  | 0.70     | 0.90     | 0.58     | 0.73       | 22.81   | ppb   |
| Silicon    | 28-1  | 1023.75  | 998.17   | 1003.99  | 1008.64    | 1.33    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 35.29   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 46.87   | ppb   |
| Sodium     | 23-2  | 10429.50 | 10362.92 | 10423.03 | 10405.15   | 0.35    | ppb   |
| Strontium  | 86-1  | 18.12    | 18.03    | 18.04    | 18.06      | 0.28    | ppb   |
| Strontium  | 88-1  | 18.27    | 18.20    | 18.11    | 18.19      | 0.42    | ppb   |
| Sulfur     | 34-1  | 845.85   | 672.70   | 702.96   | 740.50     | 12.49   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 14.33   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 7.02    | ppb   |
| Tin        | 118-1 | -0.07    | -0.06    | -0.06    | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.26     | 0.35     | 0.36     | 0.32       | 17.38   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 16.03   | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.06     | 0.08     | 0.07       | 12.29   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 21.92    | 21.92    | 22.41    | 22.08      | 1.28    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.02     | 0.01       | 20.93   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-40            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-76-ROOF-BRC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:19:17 | DataFile Name :   | 200SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.01    | 0.02       | 30.94   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV82               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:22:43 | DataFile Name :   | 201SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.27    | 2.20    | 2.48    | 2.32       | 6.16    | ppb   |
| Antimony   | 121-1 | 0.01    | 0.00    | 0.01    | 0.00       | 50.78   | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.01   | 0.01    | 0.00       | 202.13  | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | 25.55   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.56    | 0.23    | 0.69    | 0.50       | 47.90   | ppb   |
| Boron      | 11-1  | 0.74    | 0.69    | 0.72    | 0.72       | 3.19    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.04   | -0.06   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -0.25   | -0.50   | -0.86   | -0.54      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.04    | -0.01   | 0.02       | 115.86  | ppb   |
| Calcium    | 43-1  | 22.76   | 20.94   | 23.03   | 22.24      | 5.10    | ppb   |
| Calcium    | 44-1  | 26.13   | 27.08   | 26.00   | 26.40      | 2.23    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.07    | 0.05    | 0.07    | 0.07       | 16.63   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.53    | 0.53    | 0.54    | 0.53       | 0.48    | ppb   |
| Iron       | 57-2  | 0.67    | 0.75    | 0.23    | 0.55       | 51.18   | ppb   |
| Lead       | 206-1 | 533.89  | 542.85  | 522.13  | 532.95     | 1.95    | ppb   |
| Lead       | 207-1 | 501.69  | 510.68  | 493.99  | 502.12     | 1.66    | ppb   |
| Lead       | 208-1 | 521.94  | 531.29  | 514.01  | 522.42     | 1.66    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.26    | 0.41    | 0.24    | 0.30       | 29.54   | ppb   |
| Manganese  | 55-2  | 0.05    | 0.02    | 0.03    | 0.03       | 40.44   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV82               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:22:43 | DataFile Name :   | 201SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | -0.01   | 0.00       | 28052.15 | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | 302.53   | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | -0.01   | 0.00       |          | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.00    | 0.00    | 0.01       | 184.97   | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | 44.02    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | 0.01    | 0.01    | 0.02    | 0.01       | 26.33    | ppb   |
| Phosphorus | 31-2  | -13.78  | -9.79   | -12.14  | -11.90     |          | ppb   |
| Potassium  | 39-2  | 5.23    | 4.05    | 2.38    | 3.89       | 36.76    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |          | %     |
| Rhodium    | 103-2 |         |         |         |            |          | %     |
| Scandium   | 45-1  |         |         |         |            |          | %     |
| Scandium   | 45-2  |         |         |         |            |          | %     |
| Selenium   | 77-2  | 0.00    | -0.27   | -0.27   | -0.18      |          | ppb   |
| Selenium   | 78-2  | 0.23    | 0.06    | 0.17    | 0.15       | 57.81    | ppb   |
| Selenium   | 82-1  | -0.16   | 0.56    | 0.28    | 0.23       | 159.75   | ppb   |
| Silicon    | 28-1  | 0.83    | 2.47    | 0.52    | 1.27       | 82.26    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 50.27    | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 27.53    | ppb   |
| Sodium     | 23-2  | 23.19   | 21.91   | 21.85   | 22.32      | 3.38     | ppb   |
| Strontium  | 86-1  | 0.01    | 0.00    | 0.02    | 0.01       | 92.75    | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |          | ppb   |
| Sulfur     | 34-1  | -86.60  | 90.65   | -135.04 | -43.67     |          | ppb   |
| Terbium    | 159-1 |         |         |         |            |          | %     |
| Terbium    | 159-2 |         |         |         |            |          | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 5.46     | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 5.54     | ppb   |
| Tin        | 118-1 | -0.04   | -0.02   | -0.05   | -0.04      |          | ppb   |
| Titanium   | 47-1  | 0.06    | 0.04    | 0.07    | 0.06       | 28.01    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |          | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.01    | 0.01       | 36.22    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |          | %     |
| Yttrium    | 89-2  |         |         |         |            |          | %     |
| Zinc       | 66-2  | 0.48    | 0.59    | 0.43    | 0.50       | 16.28    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |          | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV82               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:22:43 | DataFile Name :   | 201SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.01    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB82               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:26:10 | DataFile Name :   | 202SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.22   | 0.32    | -0.19   | -0.03      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | 5703.81 | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.40    | 0.52    | 0.61    | 0.51       | 20.93   | ppb   |
| Boron      | 11-1  | 0.46    | 0.35    | 0.36    | 0.39       | 15.79   | ppb   |
| Cadmium    | 111-1 | 0.04    | -0.01   | -0.05   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.53    | -0.06   | -0.68   | -0.07      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.04    | 0.01    | 0.01       | 152.43  | ppb   |
| Calcium    | 43-1  | 2.34    | 1.16    | 1.29    | 1.60       | 40.23   | ppb   |
| Calcium    | 44-1  | 3.26    | 3.48    | 3.13    | 3.29       | 5.26    | ppb   |
| Chromium   | 52-2  | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.05    | 0.03    | 0.04       | 25.92   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.09    | 0.13    | 0.07    | 0.10       | 34.84   | ppb   |
| Iron       | 57-2  | 0.15    | 0.11    | -0.10   | 0.05       | 255.37  | ppb   |
| Lead       | 206-1 | 0.03    | 0.02    | 0.04    | 0.03       | 28.11   | ppb   |
| Lead       | 207-1 | 0.05    | 0.04    | 0.03    | 0.04       | 20.13   | ppb   |
| Lead       | 208-1 | 0.04    | 0.03    | 0.03    | 0.03       | 10.05   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.01   | 0.18    | 0.00    | 0.05       | 192.50  | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | 0.00    | 0.00       | 74.68   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB82               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:26:10 | DataFile Name :   | 202SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.01    | 0.01    | 0.01       | 44.49   | ppb   |
| Phosphorus | 31-2  | -14.81  | -6.56   | -16.49  | -12.62     |         | ppb   |
| Potassium  | 39-2  | 1.55    | -0.96   | 2.50    | 1.03       | 172.85  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.52    | 0.26    | 0.00    | 0.26       | 101.09  | ppb   |
| Selenium   | 78-2  | 0.61    | 0.30    | -0.12   | 0.26       | 140.69  | ppb   |
| Selenium   | 82-1  | -0.12   | 0.33    | -0.21   | 0.00       |         | ppb   |
| Silicon    | 28-1  | -1.96   | -2.10   | -2.30   | -2.12      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 113.95  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 151.56  | ppb   |
| Sodium     | 23-2  | 20.22   | 20.81   | 21.79   | 20.94      | 3.79    | ppb   |
| Strontium  | 86-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 382.61  | ppb   |
| Sulfur     | 34-1  | -124.20 | -70.52  | -165.33 | -120.02    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 31.11   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.56   | ppb   |
| Tin        | 118-1 | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Titanium   | 47-1  | -0.03   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 163.85  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.02   | 0.01    | -0.03   | -0.01      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB82               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:26:10 | DataFile Name :   | 202SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.00    | 0.00       | 179.14  | ppb   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : S0 Instrumnet Name : P7  
 Client Sample ID : S0 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 15:55:35 DataFile Name : 004CALB.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 342      | 458      | 317      | 372      | 20.31  | cps   |
| Antimony   | 121-1 | 25       | 58       | 50       | 44       | 39.04  | cps   |
| Arsenic    | 75-2  | 0        | 2        | 19       | 7        | 150.23 | cps   |
| Barium     | 135-1 | 92       | 83       | 75       | 83       | 10.00  | cps   |
| Barium     | 137-1 | 50       | 83       | 133      | 89       | 47.19  | cps   |
| Beryllium  | 9-1   | 17       | 33       | 28       | 26       | 32.72  | cps   |
| Bismuth    | 209-1 | 10901201 | 11001122 | 11005298 | 10969207 | 0.54   | cps   |
| Bismuth    | 209-2 | 6805898  | 6824192  | 6832874  | 6820988  | 0.20   | cps   |
| Boron      | 10-1  | 217      | 225      | 192      | 211      | 8.22   | cps   |
| Boron      | 11-1  | 867      | 908      | 1117     | 964      | 13.90  | cps   |
| Cadmium    | 111-1 | 2330     | 2361     | 2395     | 2362     | 1.36   | cps   |
| Cadmium    | 106-1 | 3326     | 3367     | 3417     | 3370     | 1.36   | cps   |
| Cadmium    | 108-1 | 8        | 0        | 8        | 6        | 86.60  | cps   |
| Calcium    | 43-1  | 433      | 417      | 433      | 428      | 2.25   | cps   |
| Calcium    | 44-1  | 15392    | 15651    | 15317    | 15453    | 1.13   | cps   |
| Chromium   | 52-2  | 1693     | 1833     | 1710     | 1746     | 4.38   | cps   |
| Cobalt     | 59-2  | 147      | 137      | 120      | 134      | 10.02  | cps   |
| Copper     | 63-2  | 1107     | 1223     | 1143     | 1158     | 5.15   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 8        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 7        | 7        | 13       | 9        | 43.25  | cps   |
| Erbium     | 164-1 | 42       | 50       | 17       | 36       | 48.03  | cps   |
| Erbium     | 164-2 | 17       | 37       | 30       | 28       | 36.66  | cps   |
| Gadolinium | 160-1 | 100      | 100      | 83       | 94       | 10.19  | cps   |
| Gadolinium | 160-2 | 170      | 177      | 120      | 156      | 19.91  | cps   |
| Holmium    | 165-1 | 16165708 | 16093128 | 16260602 | 16173146 | 0.52   | cps   |
| Holmium    | 165-2 | 8588388  | 8759795  | 8733871  | 8694018  | 1.06   | cps   |
| Indium     | 115-1 | 12302696 | 12391060 | 12280648 | 12324801 | 0.47   | cps   |
| Indium     | 115-2 | 2609495  | 2632555  | 2635177  | 2625742  | 0.54   | cps   |
| Iron       | 56-2  | 5040     | 5234     | 5357     | 5210     | 3.07   | cps   |
| Iron       | 57-2  | 311      | 311      | 344      | 322      | 5.97   | cps   |
| Lead       | 206-1 | 683      | 728      | 767      | 726      | 5.74   | cps   |
| Lead       | 207-1 | 650      | 633      | 644      | 643      | 1.32   | cps   |
| Lead       | 208-1 | 3100     | 2856     | 3039     | 2998     | 4.24   | cps   |
| Lithium    | 6-1   | 2042906  | 2067803  | 2054707  | 2055139  | 0.61   | cps   |
| Magnesium  | 24-2  | 358      | 408      | 433      | 400      | 9.55   | cps   |
| Manganese  | 55-2  | 53       | 67       | 43       | 54       | 21.51  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 15:55:35 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 283      | 325      | 450      | 353      | 24.59   | cps   |
| Molybdenum | 95-1  | 167      | 150      | 133      | 150      | 11.11   | cps   |
| Molybdenum | 96-1  | 275      | 208      | 208      | 231      | 16.70   | cps   |
| Molybdenum | 97-1  | 108      | 142      | 125      | 125      | 13.33   | cps   |
| Molybdenum | 98-1  | 142      | 242      | 167      | 183      | 28.39   | cps   |
| Neodymium  | 150-1 | 0        | 20       | 7        | 9        | 114.55  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 7        | 3        | 100.05  | cps   |
| Nickel     | 60-2  | 80       | 73       | 73       | 76       | 5.10    | cps   |
| Phosphorus | 31-2  | 325      | 317      | 358      | 333      | 6.61    | cps   |
| Potassium  | 39-2  | 39036    | 40623    | 41008    | 40222    | 2.60    | cps   |
| Rhodium    | 103-1 | 11701905 | 11731269 | 11840977 | 11758051 | 0.62    | cps   |
| Rhodium    | 103-2 | 5740160  | 5747147  | 5764438  | 5750582  | 0.22    | cps   |
| Scandium   | 45-1  | 8159001  | 8232359  | 8118719  | 8170027  | 0.71    | cps   |
| Scandium   | 45-2  | 401845   | 403230   | 404016   | 403030   | 0.27    | cps   |
| Selenium   | 77-2  | 0        | 3        | 7        | 3        | 100.05  | cps   |
| Selenium   | 78-2  | 83       | 100      | 91       | 91       | 9.14    | cps   |
| Selenium   | 82-1  | 23       | -41      | -56      | -25      | -168.99 | cps   |
| Silicon    | 28-1  | 589589   | 582173   | 585388   | 585716   | 0.63    | cps   |
| Silver     | 109-1 | 67       | 50       | 50       | 56       | 17.32   | cps   |
| Silver     | 107-1 | 75       | 142      | 100      | 106      | 31.91   | cps   |
| Sodium     | 23-2  | 22042    | 21775    | 21850    | 21889    | 0.63    | cps   |
| Strontium  | 86-1  | 1542     | 1609     | 1533     | 1561     | 2.63    | cps   |
| Strontium  | 88-1  | 1617     | 1417     | 1492     | 1508     | 6.70    | cps   |
| Sulfur     | 34-1  | 472117   | 461199   | 463966   | 465761   | 1.22    | cps   |
| Terbium    | 159-1 | 16599134 | 16706215 | 16688011 | 16664453 | 0.34    | cps   |
| Terbium    | 159-2 | 8654580  | 8746390  | 8575824  | 8658932  | 0.99    | cps   |
| Thallium   | 203-1 | 92       | 67       | 75       | 78       | 16.37   | cps   |
| Thallium   | 205-1 | 308      | 217      | 358      | 294      | 24.40   | cps   |
| Tin        | 118-1 | 1617     | 1467     | 1559     | 1547     | 4.89    | cps   |
| Titanium   | 47-1  | 242      | 225      | 175      | 214      | 16.22   | cps   |
| Uranium    | 238-1 | 400      | 400      | 308      | 369      | 14.32   | cps   |
| Vanadium   | 51-2  | 7        | 13       | 13       | 11       | 34.61   | cps   |
| Yttrium    | 89-1  | 12868961 | 12793661 | 12715070 | 12792564 | 0.60    | cps   |
| Yttrium    | 89-2  | 1997793  | 2016070  | 2019636  | 2011166  | 0.58    | cps   |
| Zinc       | 66-2  | 127      | 187      | 150      | 154      | 19.58   | cps   |
| Zirconium  | 90-1  | 725      | 642      | 717      | 694      | 6.61    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 15:55:35 | DataFile Name :   | 004CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 100  | 133  | 133     | 25.00  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:03:44 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4009     | 3426     | 3542     | 3659     | 8.44   | cps   |
| Antimony   | 121-1 | 29348    | 30125    | 30634    | 30036    | 2.16   | cps   |
| Arsenic    | 75-2  | 587      | 557      | 591      | 578      | 3.16   | cps   |
| Barium     | 135-1 | 35078    | 36257    | 34987    | 35441    | 2.00   | cps   |
| Barium     | 137-1 | 60156    | 60089    | 60207    | 60151    | 0.10   | cps   |
| Beryllium  | 9-1   | 3039     | 2984     | 3050     | 3024     | 1.18   | cps   |
| Bismuth    | 209-1 | 10541976 | 10620456 | 10746775 | 10636402 | 0.97   | cps   |
| Bismuth    | 209-2 | 6708553  | 6800882  | 6780012  | 6763149  | 0.72   | cps   |
| Boron      | 10-1  | 8845     | 8319     | 8228     | 8464     | 3.93   | cps   |
| Boron      | 11-1  | 40229    | 40354    | 42160    | 40915    | 2.64   | cps   |
| Cadmium    | 111-1 | 6072     | 6282     | 6219     | 6191     | 1.74   | cps   |
| Cadmium    | 106-1 | 3776     | 3717     | 4042     | 3845     | 4.51   | cps   |
| Cadmium    | 108-1 | 304      | 208      | 283      | 265      | 19.00  | cps   |
| Calcium    | 43-1  | 21842    | 22218    | 22643    | 22234    | 1.80   | cps   |
| Calcium    | 44-1  | 369280   | 367094   | 366639   | 367671   | 0.38   | cps   |
| Chromium   | 52-2  | 13300    | 13026    | 12716    | 13014    | 2.24   | cps   |
| Cobalt     | 59-2  | 7986     | 8062     | 8022     | 8023     | 0.48   | cps   |
| Copper     | 63-2  | 15936    | 16293    | 16573    | 16267    | 1.96   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 25       | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 92       | 83       | 33       | 69       | 45.44  | cps   |
| Erbium     | 164-2 | 37       | 20       | 20       | 26       | 37.66  | cps   |
| Gadolinium | 160-1 | 108      | 150      | 108      | 122      | 19.68  | cps   |
| Gadolinium | 160-2 | 143      | 147      | 170      | 153      | 9.47   | cps   |
| Holmium    | 165-1 | 15812303 | 15799831 | 15719372 | 15777169 | 0.32   | cps   |
| Holmium    | 165-2 | 8249236  | 8361105  | 8323390  | 8311244  | 0.68   | cps   |
| Indium     | 115-1 | 11964805 | 12100677 | 12113907 | 12059796 | 0.68   | cps   |
| Indium     | 115-2 | 2593313  | 2653603  | 2638763  | 2628560  | 1.20   | cps   |
| Iron       | 56-2  | 217053   | 218767   | 219825   | 218548   | 0.64   | cps   |
| Iron       | 57-2  | 5918     | 5568     | 5685     | 5723     | 3.12   | cps   |
| Lead       | 206-1 | 24851    | 25519    | 25119    | 25163    | 1.34   | cps   |
| Lead       | 207-1 | 21752    | 22314    | 22202    | 22089    | 1.35   | cps   |
| Lead       | 208-1 | 100122   | 101146   | 101220   | 100829   | 0.61   | cps   |
| Lithium    | 6-1   | 2143378  | 2156558  | 2185049  | 2161662  | 0.99   | cps   |
| Magnesium  | 24-2  | 196497   | 196702   | 195809   | 196336   | 0.24   | cps   |
| Manganese  | 55-2  | 3030     | 2970     | 3194     | 3065     | 3.77   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:03:44 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 28237    | 28730    | 27861    | 28276    | 1.54   | cps   |
| Molybdenum | 95-1  | 35002    | 35663    | 34751    | 35139    | 1.34   | cps   |
| Molybdenum | 96-1  | 38553    | 39615    | 39163    | 39110    | 1.36   | cps   |
| Molybdenum | 97-1  | 22176    | 22560    | 22552    | 22429    | 0.98   | cps   |
| Molybdenum | 98-1  | 56588    | 56756    | 56856    | 56733    | 0.24   | cps   |
| Neodymium  | 150-1 | 13       | 7        | 13       | 11       | 34.61  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Nickel     | 60-2  | 2377     | 2444     | 2480     | 2434     | 2.15   | cps   |
| Phosphorus | 31-2  | 392      | 367      | 325      | 361      | 9.33   | cps   |
| Potassium  | 39-2  | 232369   | 231545   | 230123   | 231345   | 0.49   | cps   |
| Rhodium    | 103-1 | 11535989 | 11449254 | 11466490 | 11483911 | 0.40   | cps   |
| Rhodium    | 103-2 | 5722166  | 5820510  | 5829770  | 5790815  | 1.03   | cps   |
| Scandium   | 45-1  | 7948517  | 7873001  | 7893963  | 7905161  | 0.49   | cps   |
| Scandium   | 45-2  | 405525   | 408721   | 410536   | 408261   | 0.62   | cps   |
| Selenium   | 77-2  | 73       | 70       | 57       | 67       | 13.22  | cps   |
| Selenium   | 78-2  | 287      | 317      | 263      | 289      | 9.31   | cps   |
| Selenium   | 82-1  | 1217     | 1112     | 1076     | 1135     | 6.42   | cps   |
| Silicon    | 28-1  | 675688   | 673728   | 679674   | 676364   | 0.45   | cps   |
| Silver     | 109-1 | 23053    | 21893    | 22085    | 22343    | 2.78   | cps   |
| Silver     | 107-1 | 23028    | 23579    | 23353    | 23320    | 1.19   | cps   |
| Sodium     | 23-2  | 398201   | 399748   | 402335   | 400095   | 0.52   | cps   |
| Strontium  | 86-1  | 6477     | 6602     | 6168     | 6416     | 3.48   | cps   |
| Strontium  | 88-1  | 42514    | 41812    | 42280    | 42202    | 0.85   | cps   |
| Sulfur     | 34-1  | 485849   | 484966   | 476366   | 482393   | 1.09   | cps   |
| Terbium    | 159-1 | 16007196 | 16287004 | 16190167 | 16161456 | 0.88   | cps   |
| Terbium    | 159-2 | 8352747  | 8387658  | 8320294  | 8353566  | 0.40   | cps   |
| Thallium   | 203-1 | 15576    | 16269    | 15777    | 15874    | 2.24   | cps   |
| Thallium   | 205-1 | 36718    | 37454    | 36969    | 37047    | 1.01   | cps   |
| Tin        | 118-1 | 59209    | 59368    | 58489    | 59022    | 0.79   | cps   |
| Titanium   | 47-1  | 10704    | 10704    | 10596    | 10668    | 0.59   | cps   |
| Uranium    | 238-1 | 51177    | 51370    | 50458    | 51002    | 0.94   | cps   |
| Vanadium   | 51-2  | 20298    | 20104    | 20648    | 20350    | 1.36   | cps   |
| Yttrium    | 89-1  | 12421325 | 12389167 | 12379810 | 12396767 | 0.18   | cps   |
| Yttrium    | 89-2  | 1998174  | 2006673  | 2032762  | 2012537  | 0.90   | cps   |
| Zinc       | 66-2  | 1923     | 2030     | 1934     | 1962     | 3.00   | cps   |
| Zirconium  | 90-1  | 22777    | 23353    | 23578    | 23236    | 1.78   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:03:44 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 5159 | 5410 | 4976 | 5182    | 4.20   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:07:29 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 193318   | 194549   | 191476   | 193114   | 0.80   | cps   |
| Antimony   | 121-1 | 810217   | 814691   | 817866   | 814258   | 0.47   | cps   |
| Arsenic    | 75-2  | 31440    | 31779    | 31284    | 31501    | 0.80   | cps   |
| Barium     | 135-1 | 1004547  | 1004098  | 1002696  | 1003780  | 0.10   | cps   |
| Barium     | 137-1 | 1746917  | 1755829  | 1746531  | 1749759  | 0.30   | cps   |
| Beryllium  | 9-1   | 173732   | 172717   | 172407   | 172952   | 0.40   | cps   |
| Bismuth    | 209-1 | 10552849 | 10620550 | 10549961 | 10574453 | 0.38   | cps   |
| Bismuth    | 209-2 | 6719905  | 6755139  | 6736181  | 6737075  | 0.26   | cps   |
| Boron      | 10-1  | 19138    | 19797    | 19672    | 19536    | 1.79   | cps   |
| Boron      | 11-1  | 94470    | 93965    | 94646    | 94360    | 0.37   | cps   |
| Cadmium    | 111-1 | 204857   | 205457   | 206434   | 205583   | 0.39   | cps   |
| Cadmium    | 106-1 | 24355    | 24631    | 24998    | 24661    | 1.31   | cps   |
| Cadmium    | 108-1 | 14562    | 14091    | 14791    | 14481    | 2.47   | cps   |
| Calcium    | 43-1  | 250460   | 251479   | 250218   | 250719   | 0.27   | cps   |
| Calcium    | 44-1  | 4115163  | 4064298  | 4107044  | 4095502  | 0.67   | cps   |
| Chromium   | 52-2  | 288450   | 288565   | 288320   | 288445   | 0.04   | cps   |
| Cobalt     | 59-2  | 460179   | 459224   | 455077   | 458160   | 0.59   | cps   |
| Copper     | 63-2  | 671013   | 670225   | 674670   | 671969   | 0.35   | cps   |
| Dysprosium | 156-1 | 33       | 25       | 33       | 31       | 15.74  | cps   |
| Dysprosium | 156-2 | 37       | 20       | 23       | 27       | 33.08  | cps   |
| Erbium     | 164-1 | 67       | 100      | 58       | 75       | 29.40  | cps   |
| Erbium     | 164-2 | 20       | 17       | 30       | 22       | 31.22  | cps   |
| Gadolinium | 160-1 | 92       | 158      | 92       | 114      | 33.80  | cps   |
| Gadolinium | 160-2 | 177      | 163      | 130      | 157      | 15.34  | cps   |
| Holmium    | 165-1 | 15626947 | 15682139 | 15890842 | 15733309 | 0.88   | cps   |
| Holmium    | 165-2 | 8233456  | 8251768  | 8285205  | 8256810  | 0.32   | cps   |
| Indium     | 115-1 | 12074914 | 11986624 | 12093090 | 12051543 | 0.47   | cps   |
| Indium     | 115-2 | 2603055  | 2615053  | 2612822  | 2610310  | 0.24   | cps   |
| Iron       | 56-2  | 12463809 | 12296486 | 12304282 | 12354859 | 0.76   | cps   |
| Iron       | 57-2  | 300776   | 301527   | 299538   | 300613   | 0.33   | cps   |
| Lead       | 206-1 | 686866   | 687184   | 685317   | 686456   | 0.15   | cps   |
| Lead       | 207-1 | 622048   | 617144   | 618079   | 619090   | 0.42   | cps   |
| Lead       | 208-1 | 2801149  | 2798367  | 2791345  | 2796954  | 0.18   | cps   |
| Lithium    | 6-1   | 2115041  | 2111399  | 2137737  | 2121393  | 0.67   | cps   |
| Magnesium  | 24-2  | 2261346  | 2253889  | 2231677  | 2248971  | 0.69   | cps   |
| Manganese  | 55-2  | 328808   | 328736   | 327263   | 328269   | 0.27   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:07:29 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 744464   | 744974   | 747639   | 745692   | 0.23   | cps   |
| Molybdenum | 95-1  | 403498   | 399917   | 399673   | 401029   | 0.53   | cps   |
| Molybdenum | 96-1  | 520397   | 523779   | 520054   | 521410   | 0.39   | cps   |
| Molybdenum | 97-1  | 251280   | 254481   | 251379   | 252380   | 0.72   | cps   |
| Molybdenum | 98-1  | 649369   | 653173   | 649179   | 650573   | 0.35   | cps   |
| Neodymium  | 150-1 | 67       | 67       | 33       | 56       | 34.63  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 122023   | 123095   | 123122   | 122746   | 0.51   | cps   |
| Phosphorus | 31-2  | 10721    | 10037    | 10538    | 10432    | 3.39   | cps   |
| Potassium  | 39-2  | 1115256  | 1121635  | 1126112  | 1121001  | 0.49   | cps   |
| Rhodium    | 103-1 | 11441357 | 11439697 | 11620234 | 11500429 | 0.90   | cps   |
| Rhodium    | 103-2 | 5706371  | 5752572  | 5717199  | 5725380  | 0.42   | cps   |
| Scandium   | 45-1  | 7929403  | 7880469  | 8088910  | 7966260  | 1.37   | cps   |
| Scandium   | 45-2  | 402082   | 397316   | 394552   | 397983   | 0.96   | cps   |
| Selenium   | 77-2  | 670      | 617      | 577      | 621      | 7.54   | cps   |
| Selenium   | 78-2  | 2328     | 2397     | 2435     | 2387     | 2.28   | cps   |
| Selenium   | 82-1  | 12774    | 12799    | 12617    | 12730    | 0.78   | cps   |
| Silicon    | 28-1  | 1129798  | 1129461  | 1132646  | 1130635  | 0.15   | cps   |
| Silver     | 109-1 | 978214   | 978316   | 994895   | 983809   | 0.98   | cps   |
| Silver     | 107-1 | 1031579  | 1027124  | 1031591  | 1030098  | 0.25   | cps   |
| Sodium     | 23-2  | 4295196  | 4254924  | 4274951  | 4275024  | 0.47   | cps   |
| Strontium  | 86-1  | 258888   | 257492   | 257489   | 257956   | 0.31   | cps   |
| Strontium  | 88-1  | 2251597  | 2255031  | 2278537  | 2261722  | 0.65   | cps   |
| Sulfur     | 34-1  | 561983   | 557030   | 565906   | 561640   | 0.79   | cps   |
| Terbium    | 159-1 | 16242916 | 16144201 | 16195447 | 16194188 | 0.30   | cps   |
| Terbium    | 159-2 | 8348563  | 8373548  | 8365323  | 8362478  | 0.15   | cps   |
| Thallium   | 203-1 | 845903   | 839592   | 843541   | 843012   | 0.38   | cps   |
| Thallium   | 205-1 | 2037840  | 2039196  | 2035184  | 2037407  | 0.10   | cps   |
| Tin        | 118-1 | 660736   | 658844   | 656578   | 658719   | 0.32   | cps   |
| Titanium   | 47-1  | 121363   | 122069   | 120045   | 121159   | 0.85   | cps   |
| Uranium    | 238-1 | 2879208  | 2861181  | 2828514  | 2856301  | 0.90   | cps   |
| Vanadium   | 51-2  | 228409   | 228623   | 230518   | 229183   | 0.51   | cps   |
| Yttrium    | 89-1  | 12437061 | 12338599 | 12485513 | 12420391 | 0.60   | cps   |
| Yttrium    | 89-2  | 2013499  | 2029472  | 2011319  | 2018097  | 0.49   | cps   |
| Zinc       | 66-2  | 93490    | 93510    | 93262    | 93421    | 0.15   | cps   |
| Zirconium  | 90-1  | 1418736  | 1408716  | 1410553  | 1412669  | 0.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:07:29 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 311942 | 314964 | 310468 | 312458  | 0.73   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : S4 Instrumnet Name : P7  
 Client Sample ID : S4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 16:11:31 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 478929   | 483227   | 484653   | 482270   | 0.62   | cps   |
| Antimony   | 121-1 | 2066204  | 2067795  | 2066560  | 2066853  | 0.04   | cps   |
| Arsenic    | 75-2  | 77298    | 78454    | 78890    | 78214    | 1.05   | cps   |
| Barium     | 135-1 | 2537115  | 2538897  | 2513412  | 2529808  | 0.56   | cps   |
| Barium     | 137-1 | 4403106  | 4455376  | 4431547  | 4430010  | 0.59   | cps   |
| Beryllium  | 9-1   | 428926   | 426901   | 428898   | 428242   | 0.27   | cps   |
| Bismuth    | 209-1 | 10558029 | 10522655 | 10373309 | 10484664 | 0.94   | cps   |
| Bismuth    | 209-2 | 6771400  | 6684502  | 6748439  | 6734780  | 0.67   | cps   |
| Boron      | 10-1  | 46531    | 47250    | 49056    | 47612    | 2.73   | cps   |
| Boron      | 11-1  | 229366   | 233949   | 234686   | 232667   | 1.24   | cps   |
| Cadmium    | 111-1 | 505759   | 507082   | 503607   | 505483   | 0.35   | cps   |
| Cadmium    | 106-1 | 56078    | 54631    | 55560    | 55423    | 1.32   | cps   |
| Cadmium    | 108-1 | 36305    | 36180    | 36581    | 36355    | 0.56   | cps   |
| Calcium    | 43-1  | 620760   | 624666   | 619919   | 621782   | 0.41   | cps   |
| Calcium    | 44-1  | 10123693 | 10170467 | 10099670 | 10131277 | 0.36   | cps   |
| Chromium   | 52-2  | 714754   | 716062   | 713229   | 714681   | 0.20   | cps   |
| Cobalt     | 59-2  | 1140498  | 1147987  | 1140038  | 1142841  | 0.39   | cps   |
| Copper     | 63-2  | 1663417  | 1671703  | 1670872  | 1668664  | 0.27   | cps   |
| Dysprosium | 156-1 | 42       | 42       | 25       | 36       | 26.65  | cps   |
| Dysprosium | 156-2 | 33       | 20       | 23       | 26       | 27.15  | cps   |
| Erbium     | 164-1 | 67       | 67       | 75       | 69       | 6.93   | cps   |
| Erbium     | 164-2 | 23       | 30       | 13       | 22       | 37.76  | cps   |
| Gadolinium | 160-1 | 67       | 117      | 125      | 103      | 30.70  | cps   |
| Gadolinium | 160-2 | 157      | 143      | 167      | 156      | 7.52   | cps   |
| Holmium    | 165-1 | 15782264 | 15597785 | 15786643 | 15722231 | 0.69   | cps   |
| Holmium    | 165-2 | 8386421  | 8309565  | 8444348  | 8380111  | 0.81   | cps   |
| Indium     | 115-1 | 11920785 | 11903075 | 11791381 | 11871747 | 0.59   | cps   |
| Indium     | 115-2 | 2595359  | 2599410  | 2617237  | 2604002  | 0.45   | cps   |
| Iron       | 56-2  | 30767976 | 30509275 | 30630776 | 30636009 | 0.42   | cps   |
| Iron       | 57-2  | 748528   | 747343   | 751415   | 749096   | 0.28   | cps   |
| Lead       | 206-1 | 1704664  | 1712212  | 1716718  | 1711198  | 0.36   | cps   |
| Lead       | 207-1 | 1539667  | 1535698  | 1547218  | 1540861  | 0.38   | cps   |
| Lead       | 208-1 | 7004013  | 6979902  | 6999085  | 6994334  | 0.18   | cps   |
| Lithium    | 6-1   | 2087154  | 2064444  | 2056320  | 2069306  | 0.77   | cps   |
| Magnesium  | 24-2  | 5526199  | 5555166  | 5467342  | 5516235  | 0.81   | cps   |
| Manganese  | 55-2  | 818971   | 813871   | 819815   | 817552   | 0.39   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:11:31 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1861187  | 1885240  | 1890024  | 1878817  | 0.82   | cps   |
| Molybdenum | 95-1  | 1003541  | 1007126  | 1014365  | 1008344  | 0.55   | cps   |
| Molybdenum | 96-1  | 1297037  | 1300345  | 1299895  | 1299092  | 0.14   | cps   |
| Molybdenum | 97-1  | 626238   | 634172   | 631555   | 630655   | 0.64   | cps   |
| Molybdenum | 98-1  | 1616573  | 1630566  | 1626672  | 1624604  | 0.44   | cps   |
| Neodymium  | 150-1 | 127      | 93       | 87       | 102      | 20.96  | cps   |
| Neodymium  | 150-2 | 17       | 13       | 27       | 19       | 36.75  | cps   |
| Nickel     | 60-2  | 306115   | 309134   | 304946   | 306731   | 0.70   | cps   |
| Phosphorus | 31-2  | 26458    | 26800    | 27151    | 26803    | 1.29   | cps   |
| Potassium  | 39-2  | 2730424  | 2735765  | 2748842  | 2738344  | 0.35   | cps   |
| Rhodium    | 103-1 | 11284503 | 11309606 | 11348383 | 11314164 | 0.28   | cps   |
| Rhodium    | 103-2 | 5684159  | 5652421  | 5699921  | 5678833  | 0.43   | cps   |
| Scandium   | 45-1  | 8042506  | 7979678  | 7804770  | 7942318  | 1.55   | cps   |
| Scandium   | 45-2  | 404232   | 402019   | 404953   | 403735   | 0.38   | cps   |
| Selenium   | 77-2  | 1633     | 1853     | 1773     | 1753     | 6.35   | cps   |
| Selenium   | 78-2  | 5649     | 5814     | 5864     | 5776     | 1.95   | cps   |
| Selenium   | 82-1  | 31866    | 31803    | 31630    | 31767    | 0.38   | cps   |
| Silicon    | 28-1  | 1974123  | 1968677  | 1971827  | 1971542  | 0.14   | cps   |
| Silver     | 109-1 | 2449484  | 2461273  | 2459492  | 2456750  | 0.26   | cps   |
| Silver     | 107-1 | 2554834  | 2549684  | 2560535  | 2555018  | 0.21   | cps   |
| Sodium     | 23-2  | 10572522 | 10460297 | 10453965 | 10495595 | 0.64   | cps   |
| Strontium  | 86-1  | 638884   | 627682   | 638934   | 635167   | 1.02   | cps   |
| Strontium  | 88-1  | 5686032  | 5662040  | 5690958  | 5679677  | 0.27   | cps   |
| Sulfur     | 34-1  | 667707   | 669709   | 667172   | 668196   | 0.20   | cps   |
| Terbium    | 159-1 | 16251842 | 16207234 | 15929548 | 16129541 | 1.08   | cps   |
| Terbium    | 159-2 | 8382711  | 8415030  | 8379397  | 8392379  | 0.23   | cps   |
| Thallium   | 203-1 | 2124312  | 2102945  | 2118816  | 2115358  | 0.52   | cps   |
| Thallium   | 205-1 | 5162766  | 5145737  | 5137042  | 5148515  | 0.25   | cps   |
| Tin        | 118-1 | 1634876  | 1653879  | 1630080  | 1639612  | 0.77   | cps   |
| Titanium   | 47-1  | 303360   | 301910   | 301481   | 302250   | 0.33   | cps   |
| Uranium    | 238-1 | 7328642  | 7346638  | 7273763  | 7316348  | 0.52   | cps   |
| Vanadium   | 51-2  | 575237   | 575705   | 577878   | 576274   | 0.24   | cps   |
| Yttrium    | 89-1  | 12352336 | 12344724 | 12345596 | 12347552 | 0.03   | cps   |
| Yttrium    | 89-2  | 2020390  | 2020452  | 2034836  | 2025226  | 0.41   | cps   |
| Zinc       | 66-2  | 228049   | 229341   | 230710   | 229367   | 0.58   | cps   |
| Zirconium  | 90-1  | 3575346  | 3599181  | 3590199  | 3588242  | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:11:31 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 781005 | 789707 | 798737 | 789816  | 1.12   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:15:08 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 943755   | 938349   | 936883   | 939662   | 0.39   | cps   |
| Antimony   | 121-1 | 4147291  | 4152142  | 4146164  | 4148533  | 0.08   | cps   |
| Arsenic    | 75-2  | 154370   | 154265   | 154299   | 154312   | 0.03   | cps   |
| Barium     | 135-1 | 5071476  | 5104934  | 5120235  | 5098882  | 0.49   | cps   |
| Barium     | 137-1 | 8653588  | 8576997  | 8641619  | 8624068  | 0.48   | cps   |
| Beryllium  | 9-1   | 842944   | 839945   | 834407   | 839099   | 0.52   | cps   |
| Bismuth    | 209-1 | 10542714 | 10452487 | 10528233 | 10507811 | 0.46   | cps   |
| Bismuth    | 209-2 | 6635064  | 6651201  | 6595224  | 6627163  | 0.43   | cps   |
| Boron      | 10-1  | 92634    | 95283    | 95300    | 94405    | 1.63   | cps   |
| Boron      | 11-1  | 452401   | 461018   | 460478   | 457965   | 1.05   | cps   |
| Cadmium    | 111-1 | 993136   | 996109   | 1000181  | 996475   | 0.35   | cps   |
| Cadmium    | 106-1 | 107221   | 106943   | 107405   | 107190   | 0.22   | cps   |
| Cadmium    | 108-1 | 71701    | 70617    | 71596    | 71305    | 0.84   | cps   |
| Calcium    | 43-1  | 1229247  | 1225703  | 1222526  | 1225825  | 0.27   | cps   |
| Calcium    | 44-1  | 19944768 | 19977904 | 19840100 | 19920924 | 0.36   | cps   |
| Chromium   | 52-2  | 1396381  | 1407450  | 1400465  | 1401432  | 0.40   | cps   |
| Cobalt     | 59-2  | 2241563  | 2238987  | 2237926  | 2239492  | 0.08   | cps   |
| Copper     | 63-2  | 3274852  | 3249654  | 3245759  | 3256755  | 0.48   | cps   |
| Dysprosium | 156-1 | 100      | 150      | 125      | 125      | 20.00  | cps   |
| Dysprosium | 156-2 | 53       | 50       | 57       | 53       | 6.25   | cps   |
| Erbium     | 164-1 | 42       | 67       | 42       | 50       | 28.87  | cps   |
| Erbium     | 164-2 | 43       | 30       | 20       | 31       | 37.62  | cps   |
| Gadolinium | 160-1 | 175      | 142      | 75       | 131      | 39.00  | cps   |
| Gadolinium | 160-2 | 173      | 147      | 157      | 159      | 8.48   | cps   |
| Holmium    | 165-1 | 15967059 | 15775844 | 15832485 | 15858463 | 0.62   | cps   |
| Holmium    | 165-2 | 8351914  | 8289327  | 8486377  | 8375872  | 1.20   | cps   |
| Indium     | 115-1 | 11746849 | 11801481 | 11883895 | 11810741 | 0.58   | cps   |
| Indium     | 115-2 | 2572379  | 2578649  | 2596133  | 2582387  | 0.48   | cps   |
| Iron       | 56-2  | 60035190 | 60303354 | 60343697 | 60227414 | 0.28   | cps   |
| Iron       | 57-2  | 1478337  | 1473989  | 1464131  | 1472152  | 0.49   | cps   |
| Lead       | 206-1 | 3396851  | 3421475  | 3385605  | 3401310  | 0.54   | cps   |
| Lead       | 207-1 | 3070098  | 3086104  | 3067622  | 3074608  | 0.33   | cps   |
| Lead       | 208-1 | 13860016 | 13903200 | 13823489 | 13862235 | 0.29   | cps   |
| Lithium    | 6-1   | 2056614  | 2042666  | 2071607  | 2056962  | 0.70   | cps   |
| Magnesium  | 24-2  | 10863221 | 10747239 | 10749083 | 10786514 | 0.62   | cps   |
| Manganese  | 55-2  | 1608232  | 1602805  | 1611050  | 1607362  | 0.26   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:15:08 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3791062  | 3756497  | 3787302  | 3778287  | 0.50   | cps   |
| Molybdenum | 95-1  | 2016650  | 2001623  | 2018842  | 2012372  | 0.47   | cps   |
| Molybdenum | 96-1  | 2602087  | 2591019  | 2601908  | 2598338  | 0.24   | cps   |
| Molybdenum | 97-1  | 1253422  | 1263640  | 1265236  | 1260766  | 0.51   | cps   |
| Molybdenum | 98-1  | 3265964  | 3285634  | 3263260  | 3271619  | 0.37   | cps   |
| Neodymium  | 150-1 | 267      | 233      | 293      | 264      | 11.37  | cps   |
| Neodymium  | 150-2 | 43       | 47       | 13       | 34       | 53.31  | cps   |
| Nickel     | 60-2  | 597665   | 597051   | 598696   | 597804   | 0.14   | cps   |
| Phosphorus | 31-2  | 53079    | 51390    | 52351    | 52274    | 1.62   | cps   |
| Potassium  | 39-2  | 5253737  | 5303475  | 5270130  | 5275781  | 0.48   | cps   |
| Rhodium    | 103-1 | 11237870 | 11376605 | 11233542 | 11282672 | 0.72   | cps   |
| Rhodium    | 103-2 | 5600223  | 5616645  | 5649630  | 5622166  | 0.45   | cps   |
| Scandium   | 45-1  | 7860305  | 7917881  | 7966141  | 7914776  | 0.67   | cps   |
| Scandium   | 45-2  | 399544   | 399397   | 403491   | 400811   | 0.58   | cps   |
| Selenium   | 77-2  | 3490     | 3330     | 3367     | 3396     | 2.47   | cps   |
| Selenium   | 78-2  | 11071    | 11034    | 10887    | 10997    | 0.88   | cps   |
| Selenium   | 82-1  | 62485    | 62607    | 61681    | 62258    | 0.81   | cps   |
| Silicon    | 28-1  | 3326647  | 3321180  | 3312430  | 3320086  | 0.22   | cps   |
| Silver     | 109-1 | 4857151  | 4860344  | 4859543  | 4859013  | 0.03   | cps   |
| Silver     | 107-1 | 5061978  | 5098189  | 5057513  | 5072560  | 0.44   | cps   |
| Sodium     | 23-2  | 20460582 | 20580163 | 20554475 | 20531740 | 0.31   | cps   |
| Strontium  | 86-1  | 1261196  | 1263498  | 1261226  | 1261973  | 0.10   | cps   |
| Strontium  | 88-1  | 11037328 | 11028390 | 11043970 | 11036563 | 0.07   | cps   |
| Sulfur     | 34-1  | 855560   | 847433   | 834105   | 845699   | 1.28   | cps   |
| Terbium    | 159-1 | 16095926 | 16380870 | 16119743 | 16198846 | 0.98   | cps   |
| Terbium    | 159-2 | 8383201  | 8442549  | 8412529  | 8412760  | 0.35   | cps   |
| Thallium   | 203-1 | 4236675  | 4219972  | 4179428  | 4212025  | 0.70   | cps   |
| Thallium   | 205-1 | 9985802  | 9998601  | 9848653  | 9944352  | 0.84   | cps   |
| Tin        | 118-1 | 3283115  | 3298157  | 3298829  | 3293367  | 0.27   | cps   |
| Titanium   | 47-1  | 599712   | 605256   | 603399   | 602789   | 0.47   | cps   |
| Uranium    | 238-1 | 14579435 | 14534188 | 14653487 | 14589037 | 0.41   | cps   |
| Vanadium   | 51-2  | 1137497  | 1136870  | 1134482  | 1136283  | 0.14   | cps   |
| Yttrium    | 89-1  | 12286640 | 12369738 | 12324412 | 12326930 | 0.34   | cps   |
| Yttrium    | 89-2  | 2015992  | 2003887  | 2030217  | 2016699  | 0.65   | cps   |
| Zinc       | 66-2  | 443238   | 441555   | 443992   | 442928   | 0.28   | cps   |
| Zirconium  | 90-1  | 7053970  | 7080569  | 7101681  | 7078740  | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:15:08 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1578333 | 1576797 | 1571271 | 1575467 | 0.24   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:18:40 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1828358   | 1821937   | 1832827   | 1827707   | 0.30   | cps   |
| Antimony   | 121-1 | 8057167   | 8055024   | 8067211   | 8059801   | 0.08   | cps   |
| Arsenic    | 75-2  | 299021    | 300643    | 300589    | 300084    | 0.31   | cps   |
| Barium     | 135-1 | 9856911   | 9774444   | 9809898   | 9813751   | 0.42   | cps   |
| Barium     | 137-1 | 16957808  | 16935486  | 16794122  | 16895806  | 0.53   | cps   |
| Beryllium  | 9-1   | 1604720   | 1589600   | 1589348   | 1594556   | 0.55   | cps   |
| Bismuth    | 209-1 | 10202355  | 10193042  | 10168216  | 10187871  | 0.17   | cps   |
| Bismuth    | 209-2 | 6503051   | 6477550   | 6530649   | 6503750   | 0.41   | cps   |
| Boron      | 10-1  | 179477    | 182908    | 184090    | 182158    | 1.32   | cps   |
| Boron      | 11-1  | 884547    | 894275    | 906402    | 895074    | 1.22   | cps   |
| Cadmium    | 111-1 | 1924019   | 1919681   | 1925635   | 1923111   | 0.16   | cps   |
| Cadmium    | 106-1 | 205696    | 203659    | 202866    | 204074    | 0.72   | cps   |
| Cadmium    | 108-1 | 136433    | 137803    | 136045    | 136760    | 0.68   | cps   |
| Calcium    | 43-1  | 2386063   | 2387794   | 2386240   | 2386699   | 0.04   | cps   |
| Calcium    | 44-1  | 38970502  | 38966126  | 38781539  | 38906056  | 0.28   | cps   |
| Chromium   | 52-2  | 2745032   | 2734003   | 2730840   | 2736625   | 0.27   | cps   |
| Cobalt     | 59-2  | 4347468   | 4378413   | 4363397   | 4363093   | 0.35   | cps   |
| Copper     | 63-2  | 6543666   | 6534592   | 6430021   | 6502759   | 0.97   | cps   |
| Dysprosium | 156-1 | 200       | 117       | 167       | 161       | 26.03  | cps   |
| Dysprosium | 156-2 | 97        | 70        | 87        | 84        | 15.95  | cps   |
| Erbium     | 164-1 | 125       | 125       | 108       | 119       | 8.06   | cps   |
| Erbium     | 164-2 | 47        | 37        | 53        | 46        | 18.41  | cps   |
| Gadolinium | 160-1 | 150       | 175       | 192       | 172       | 12.18  | cps   |
| Gadolinium | 160-2 | 133       | 203       | 170       | 169       | 20.73  | cps   |
| Holmium    | 165-1 | 15557016  | 15651574  | 15623299  | 15610630  | 0.31   | cps   |
| Holmium    | 165-2 | 8265707   | 8475339   | 8300373   | 8347140   | 1.35   | cps   |
| Indium     | 115-1 | 11541147  | 11471212  | 11589658  | 11534006  | 0.52   | cps   |
| Indium     | 115-2 | 2510480   | 2510110   | 2526144   | 2515578   | 0.36   | cps   |
| Iron       | 56-2  | 117182875 | 117599378 | 116443733 | 117075329 | 0.50   | cps   |
| Iron       | 57-2  | 2883760   | 2888227   | 2876109   | 2882699   | 0.21   | cps   |
| Lead       | 206-1 | 6743254   | 6742676   | 6741835   | 6742588   | 0.01   | cps   |
| Lead       | 207-1 | 6070583   | 6050579   | 6067369   | 6062844   | 0.18   | cps   |
| Lead       | 208-1 | 27166513  | 27083331  | 27118526  | 27122790  | 0.15   | cps   |
| Lithium    | 6-1   | 1991606   | 1989878   | 1989714   | 1990399   | 0.05   | cps   |
| Magnesium  | 24-2  | 20958973  | 20651622  | 20922383  | 20844326  | 0.81   | cps   |
| Manganese  | 55-2  | 3138980   | 3137712   | 3141278   | 3139323   | 0.06   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:18:40 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7400605  | 7427897  | 7431320  | 7419941  | 0.23   | cps   |
| Molybdenum | 95-1  | 3974496  | 3956447  | 3989189  | 3973377  | 0.41   | cps   |
| Molybdenum | 96-1  | 5117557  | 5106225  | 5130761  | 5118181  | 0.24   | cps   |
| Molybdenum | 97-1  | 2479582  | 2469951  | 2464374  | 2471302  | 0.31   | cps   |
| Molybdenum | 98-1  | 6444035  | 6360539  | 6478461  | 6427678  | 0.94   | cps   |
| Neodymium  | 150-1 | 373      | 427      | 400      | 400      | 6.67   | cps   |
| Neodymium  | 150-2 | 50       | 53       | 63       | 56       | 12.49  | cps   |
| Nickel     | 60-2  | 1158692  | 1154179  | 1154868  | 1155913  | 0.21   | cps   |
| Phosphorus | 31-2  | 99254    | 99607    | 100973   | 99945    | 0.91   | cps   |
| Potassium  | 39-2  | 10372768 | 10238860 | 10295914 | 10302514 | 0.65   | cps   |
| Rhodium    | 103-1 | 10961124 | 10811581 | 10873276 | 10881994 | 0.69   | cps   |
| Rhodium    | 103-2 | 5460019  | 5470936  | 5494290  | 5475081  | 0.32   | cps   |
| Scandium   | 45-1  | 7761230  | 7809964  | 7765325  | 7778840  | 0.35   | cps   |
| Scandium   | 45-2  | 396286   | 394636   | 395745   | 395556   | 0.21   | cps   |
| Selenium   | 77-2  | 6438     | 6291     | 6191     | 6307     | 1.97   | cps   |
| Selenium   | 78-2  | 20958    | 21512    | 21486    | 21319    | 1.47   | cps   |
| Selenium   | 82-1  | 119591   | 119126   | 119292   | 119336   | 0.20   | cps   |
| Silicon    | 28-1  | 4552411  | 4559900  | 4528529  | 4546946  | 0.36   | cps   |
| Silver     | 109-1 | 9215512  | 9259415  | 9331327  | 9268751  | 0.63   | cps   |
| Silver     | 107-1 | 9748729  | 9730399  | 9786377  | 9755168  | 0.29   | cps   |
| Sodium     | 23-2  | 39673072 | 39465789 | 39807274 | 39648712 | 0.43   | cps   |
| Strontium  | 86-1  | 2466513  | 2441288  | 2468125  | 2458642  | 0.61   | cps   |
| Strontium  | 88-1  | 21579574 | 21418081 | 21694657 | 21564104 | 0.64   | cps   |
| Sulfur     | 34-1  | 1178292  | 1180936  | 1169470  | 1176232  | 0.51   | cps   |
| Terbium    | 159-1 | 16100642 | 15868701 | 16006998 | 15992114 | 0.73   | cps   |
| Terbium    | 159-2 | 8369154  | 8359696  | 8319884  | 8349578  | 0.31   | cps   |
| Thallium   | 203-1 | 8108646  | 8236480  | 8232850  | 8192659  | 0.89   | cps   |
| Thallium   | 205-1 | 19618437 | 19682745 | 19616316 | 19639166 | 0.19   | cps   |
| Tin        | 118-1 | 6366210  | 6376748  | 6401070  | 6381343  | 0.28   | cps   |
| Titanium   | 47-1  | 1170786  | 1174493  | 1171055  | 1172111  | 0.18   | cps   |
| Uranium    | 238-1 | 28451544 | 28490899 | 28448255 | 28463566 | 0.08   | cps   |
| Vanadium   | 51-2  | 2226227  | 2223500  | 2217048  | 2222258  | 0.21   | cps   |
| Yttrium    | 89-1  | 12233181 | 12167142 | 12201299 | 12200541 | 0.27   | cps   |
| Yttrium    | 89-2  | 1977431  | 1993002  | 1988457  | 1986297  | 0.40   | cps   |
| Zinc       | 66-2  | 843877   | 851778   | 851003   | 848886   | 0.51   | cps   |
| Zirconium  | 90-1  | 14000049 | 13874782 | 13894157 | 13922996 | 0.48   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:18:40 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 3115850 | 3114696 | 3126459 | 3119002 | 0.21   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:22:09 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3691343   | 3684749   | 3729236   | 3701776   | 0.65   | cps   |
| Antimony   | 121-1 | 16177642  | 16272776  | 16331546  | 16260655  | 0.48   | cps   |
| Arsenic    | 75-2  | 608596    | 611881    | 607747    | 609408    | 0.36   | cps   |
| Barium     | 135-1 | 19549782  | 19757456  | 19729386  | 19678875  | 0.57   | cps   |
| Barium     | 137-1 | 34112133  | 34216002  | 34159211  | 34162449  | 0.15   | cps   |
| Beryllium  | 9-1   | 3141467   | 3152588   | 3171124   | 3155059   | 0.47   | cps   |
| Bismuth    | 209-1 | 9982092   | 10160386  | 10053194  | 10065224  | 0.89   | cps   |
| Bismuth    | 209-2 | 6544402   | 6454314   | 6491330   | 6496682   | 0.70   | cps   |
| Boron      | 10-1  | 363530    | 367005    | 371795    | 367443    | 1.13   | cps   |
| Boron      | 11-1  | 1774550   | 1807299   | 1823689   | 1801846   | 1.39   | cps   |
| Cadmium    | 111-1 | 3802288   | 3801871   | 3834958   | 3813039   | 0.50   | cps   |
| Cadmium    | 106-1 | 395762    | 397729    | 400034    | 397842    | 0.54   | cps   |
| Cadmium    | 108-1 | 270851    | 270104    | 271013    | 270656    | 0.18   | cps   |
| Calcium    | 43-1  | 4830470   | 4872289   | 4834224   | 4845661   | 0.48   | cps   |
| Calcium    | 44-1  | 77545623  | 77480477  | 78059089  | 77695063  | 0.41   | cps   |
| Chromium   | 52-2  | 5489622   | 5500054   | 5530039   | 5506572   | 0.38   | cps   |
| Cobalt     | 59-2  | 8799048   | 8754920   | 8825668   | 8793212   | 0.41   | cps   |
| Copper     | 63-2  | 12492777  | 12333635  | 12381106  | 12402506  | 0.66   | cps   |
| Dysprosium | 156-1 | 208       | 250       | 342       | 267       | 25.58  | cps   |
| Dysprosium | 156-2 | 230       | 190       | 217       | 212       | 9.60   | cps   |
| Erbium     | 164-1 | 108       | 58        | 92        | 86        | 29.56  | cps   |
| Erbium     | 164-2 | 57        | 47        | 63        | 56        | 15.09  | cps   |
| Gadolinium | 160-1 | 183       | 192       | 225       | 200       | 11.02  | cps   |
| Gadolinium | 160-2 | 193       | 213       | 247       | 218       | 12.37  | cps   |
| Holmium    | 165-1 | 15734031  | 15703792  | 15839387  | 15759070  | 0.45   | cps   |
| Holmium    | 165-2 | 8599574   | 8420196   | 8476752   | 8498841   | 1.08   | cps   |
| Indium     | 115-1 | 11368167  | 11314079  | 11459703  | 11380650  | 0.65   | cps   |
| Indium     | 115-2 | 2516503   | 2477834   | 2505341   | 2499893   | 0.80   | cps   |
| Iron       | 56-2  | 235004105 | 235700633 | 236007455 | 235570731 | 0.22   | cps   |
| Iron       | 57-2  | 5860377   | 5771915   | 5802692   | 5811661   | 0.77   | cps   |
| Lead       | 206-1 | 13346443  | 13330926  | 13408988  | 13362119  | 0.31   | cps   |
| Lead       | 207-1 | 12121969  | 12221676  | 12136662  | 12160102  | 0.44   | cps   |
| Lead       | 208-1 | 53944949  | 54632903  | 54290566  | 54289473  | 0.63   | cps   |
| Lithium    | 6-1   | 1960790   | 1954220   | 1935273   | 1950094   | 0.68   | cps   |
| Magnesium  | 24-2  | 41637669  | 41386688  | 41925620  | 41649992  | 0.65   | cps   |
| Manganese  | 55-2  | 6234718   | 6264999   | 6301052   | 6266923   | 0.53   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:22:09 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 14780867 | 14826245 | 15038299 | 14881803 | 0.92   | cps   |
| Molybdenum | 95-1  | 7991409  | 8033150  | 7964063  | 7996207  | 0.44   | cps   |
| Molybdenum | 96-1  | 10432979 | 10544870 | 10443301 | 10473717 | 0.59   | cps   |
| Molybdenum | 97-1  | 4973790  | 5040927  | 5002184  | 5005634  | 0.67   | cps   |
| Molybdenum | 98-1  | 12873015 | 13032329 | 12931393 | 12945579 | 0.62   | cps   |
| Neodymium  | 150-1 | 807      | 767      | 913      | 829      | 9.15   | cps   |
| Neodymium  | 150-2 | 83       | 90       | 77       | 83       | 8.00   | cps   |
| Nickel     | 60-2  | 2274855  | 2277744  | 2288836  | 2280478  | 0.32   | cps   |
| Phosphorus | 31-2  | 198370   | 200319   | 203310   | 200666   | 1.24   | cps   |
| Potassium  | 39-2  | 20774495 | 20685513 | 20860000 | 20773336 | 0.42   | cps   |
| Rhodium    | 103-1 | 10572352 | 10705332 | 10729394 | 10669026 | 0.79   | cps   |
| Rhodium    | 103-2 | 5421468  | 5412145  | 5425222  | 5419612  | 0.12   | cps   |
| Scandium   | 45-1  | 7773679  | 7829328  | 7859065  | 7820691  | 0.55   | cps   |
| Scandium   | 45-2  | 409516   | 406286   | 404111   | 406638   | 0.67   | cps   |
| Selenium   | 77-2  | 12275    | 12546    | 12576    | 12466    | 1.33   | cps   |
| Selenium   | 78-2  | 43233    | 42200    | 42817    | 42750    | 1.22   | cps   |
| Selenium   | 82-1  | 236997   | 238209   | 238260   | 237822   | 0.30   | cps   |
| Silicon    | 28-1  | 8464523  | 8540713  | 8442571  | 8482602  | 0.61   | cps   |
| Silver     | 109-1 | 18254623 | 18338024 | 18340780 | 18311142 | 0.27   | cps   |
| Silver     | 107-1 | 19066859 | 19256473 | 19280623 | 19201318 | 0.61   | cps   |
| Sodium     | 23-2  | 80285443 | 79388198 | 79723143 | 79798928 | 0.57   | cps   |
| Strontium  | 86-1  | 4957658  | 4993440  | 5017940  | 4989679  | 0.61   | cps   |
| Strontium  | 88-1  | 43295210 | 43401674 | 43685907 | 43460930 | 0.46   | cps   |
| Sulfur     | 34-1  | 1907959  | 1919652  | 1902881  | 1910164  | 0.45   | cps   |
| Terbium    | 159-1 | 15937026 | 16111701 | 16282122 | 16110283 | 1.07   | cps   |
| Terbium    | 159-2 | 8533054  | 8452328  | 8411946  | 8465776  | 0.73   | cps   |
| Thallium   | 203-1 | 16370785 | 16379789 | 16425592 | 16392055 | 0.18   | cps   |
| Thallium   | 205-1 | 38826627 | 38915523 | 38926732 | 38889627 | 0.14   | cps   |
| Tin        | 118-1 | 12751087 | 12757953 | 13008804 | 12839282 | 1.14   | cps   |
| Titanium   | 47-1  | 2361869  | 2366192  | 2389865  | 2372642  | 0.64   | cps   |
| Uranium    | 238-1 | 57527263 | 58249483 | 57906066 | 57894270 | 0.62   | cps   |
| Vanadium   | 51-2  | 4553563  | 4557180  | 4598453  | 4569732  | 0.55   | cps   |
| Yttrium    | 89-1  | 12135426 | 12245155 | 12220444 | 12200341 | 0.47   | cps   |
| Yttrium    | 89-2  | 2027735  | 2016117  | 2025398  | 2023083  | 0.30   | cps   |
| Zinc       | 66-2  | 1700735  | 1696015  | 1684072  | 1693607  | 0.51   | cps   |
| Zirconium  | 90-1  | 27741828 | 27865487 | 28191682 | 27932999 | 0.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:22:09 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 6180893 | 6214733 | 6369861 | 6255162 | 1.61   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:25:33 | DataFile Name :   | 012CALS.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Aluminium  | 27-2  | 18932358   | 18827388   | 19020493   | 18926747   | 0.51   | cps   |
| Antimony   | 121-1 | 57142      | 54055      | 53135      | 54777      | 3.83   | cps   |
| Arsenic    | 75-2  | 415        | 431        | 339        | 395        | 12.49  | cps   |
| Barium     | 135-1 | 9504       | 9329       | 9328       | 9387       | 1.08   | cps   |
| Barium     | 137-1 | 16702      | 16018      | 15993      | 16238      | 2.48   | cps   |
| Beryllium  | 9-1   | 639        | 644        | 667        | 650        | 2.26   | cps   |
| Bismuth    | 209-1 | 8741564    | 8690594    | 8660649    | 8697602    | 0.47   | cps   |
| Bismuth    | 209-2 | 5615632    | 5606115    | 5719647    | 5647132    | 1.12   | cps   |
| Boron      | 10-1  | 15317      | 14708      | 13857      | 14627      | 5.01   | cps   |
| Boron      | 11-1  | 73621      | 69703      | 66915      | 70080      | 4.81   | cps   |
| Cadmium    | 111-1 | 3035       | 3198       | 3191       | 3141       | 2.94   | cps   |
| Cadmium    | 106-1 | 3192       | 3284       | 3234       | 3237       | 1.42   | cps   |
| Cadmium    | 108-1 | 113        | 96         | 63         | 90         | 28.20  | cps   |
| Calcium    | 43-1  | 23786786   | 23842205   | 23709397   | 23779463   | 0.28   | cps   |
| Calcium    | 44-1  | 387767425  | 389955134  | 388055975  | 388592845  | 0.31   | cps   |
| Chromium   | 52-2  | 156927     | 156999     | 156837     | 156921     | 0.05   | cps   |
| Cobalt     | 59-2  | 14367      | 14444      | 14210      | 14341      | 0.83   | cps   |
| Copper     | 63-2  | 26932      | 26918      | 26788      | 26879      | 0.30   | cps   |
| Dysprosium | 156-1 | 400        | 250        | 292        | 314        | 24.67  | cps   |
| Dysprosium | 156-2 | 160        | 123        | 123        | 136        | 15.61  | cps   |
| Erbium     | 164-1 | 175        | 100        | 150        | 142        | 26.96  | cps   |
| Erbium     | 164-2 | 67         | 77         | 113        | 86         | 28.72  | cps   |
| Gadolinium | 160-1 | 342        | 200        | 283        | 275        | 25.89  | cps   |
| Gadolinium | 160-2 | 257        | 253        | 257        | 256        | 0.75   | cps   |
| Holmium    | 165-1 | 14789822   | 14697453   | 14623829   | 14703702   | 0.57   | cps   |
| Holmium    | 165-2 | 7963726    | 7996644    | 8067292    | 8009221    | 0.66   | cps   |
| Indium     | 115-1 | 10627273   | 10613649   | 10490699   | 10577207   | 0.71   | cps   |
| Indium     | 115-2 | 2407037    | 2378265    | 2439667    | 2408323    | 1.28   | cps   |
| Iron       | 56-2  | 1088183024 | 1089892047 | 1093067202 | 1090380758 | 0.23   | cps   |
| Iron       | 57-2  | 26655603   | 26755448   | 26810374   | 26740475   | 0.29   | cps   |
| Lead       | 206-1 | 24050      | 24885      | 23878      | 24271      | 2.22   | cps   |
| Lead       | 207-1 | 20266      | 20572      | 20416      | 20418      | 0.75   | cps   |
| Lead       | 208-1 | 94500      | 95150      | 94221      | 94624      | 0.50   | cps   |
| Lithium    | 6-1   | 1811262    | 1801822    | 1822914    | 1811999    | 0.58   | cps   |
| Magnesium  | 24-2  | 208179696  | 208421221  | 209617971  | 208739630  | 0.37   | cps   |
| Manganese  | 55-2  | 33959      | 33441      | 33999      | 33800      | 0.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:25:33 | DataFile Name :   | 012CALS.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 27694     | 27052     | 25357     | 26701     | 4.52   | cps   |
| Molybdenum | 95-1  | 43526     | 42372     | 42556     | 42818     | 1.45   | cps   |
| Molybdenum | 96-1  | 52514     | 50933     | 50047     | 51165     | 2.44   | cps   |
| Molybdenum | 97-1  | 26801     | 25265     | 25757     | 25941     | 3.02   | cps   |
| Molybdenum | 98-1  | 66063     | 65535     | 63560     | 65052     | 2.03   | cps   |
| Neodymium  | 150-1 | 227       | 287       | 220       | 244       | 15.02  | cps   |
| Neodymium  | 150-2 | 93        | 113       | 150       | 119       | 24.17  | cps   |
| Nickel     | 60-2  | 35326     | 36870     | 36763     | 36320     | 2.37   | cps   |
| Phosphorus | 31-2  | 425       | 442       | 325       | 397       | 15.88  | cps   |
| Potassium  | 39-2  | 101527656 | 102203588 | 102765542 | 102165595 | 0.61   | cps   |
| Rhodium    | 103-1 | 9396374   | 9504421   | 9378272   | 9426356   | 0.72   | cps   |
| Rhodium    | 103-2 | 4687647   | 4682299   | 4733647   | 4701198   | 0.60   | cps   |
| Scandium   | 45-1  | 7325899   | 7275882   | 7251516   | 7284432   | 0.52   | cps   |
| Scandium   | 45-2  | 383514    | 383640    | 387870    | 385008    | 0.64   | cps   |
| Selenium   | 77-2  | 13        | 17        | 27        | 19        | 36.75  | cps   |
| Selenium   | 78-2  | 159       | 120       | 139       | 140       | 13.94  | cps   |
| Selenium   | 82-1  | 323       | 335       | 331       | 330       | 1.77   | cps   |
| Silicon    | 28-1  | 638420    | 639353    | 636198    | 637991    | 0.25   | cps   |
| Silver     | 109-1 | 4017      | 3942      | 3792      | 3917      | 2.92   | cps   |
| Silver     | 107-1 | 4201      | 3642      | 4084      | 3976      | 7.41   | cps   |
| Sodium     | 23-2  | 383707934 | 385595575 | 384576634 | 384626714 | 0.25   | cps   |
| Strontium  | 86-1  | 162250    | 159803    | 160065    | 160706    | 0.84   | cps   |
| Strontium  | 88-1  | 1414734   | 1407130   | 1404761   | 1408875   | 0.37   | cps   |
| Sulfur     | 34-1  | 378013    | 379482    | 372569    | 376688    | 0.97   | cps   |
| Terbium    | 159-1 | 15008255  | 15014607  | 15080977  | 15034613  | 0.27   | cps   |
| Terbium    | 159-2 | 7984950   | 7937987   | 7974353   | 7965763   | 0.31   | cps   |
| Thallium   | 203-1 | 9887      | 10304     | 9604      | 9932      | 3.55   | cps   |
| Thallium   | 205-1 | 24899     | 24515     | 24365     | 24593     | 1.12   | cps   |
| Tin        | 118-1 | 20140     | 19790     | 19431     | 19787     | 1.79   | cps   |
| Titanium   | 47-1  | 2709      | 2959      | 2950      | 2873      | 4.94   | cps   |
| Uranium    | 238-1 | 14000     | 13716     | 14108     | 13941     | 1.45   | cps   |
| Vanadium   | 51-2  | 2327      | 2234      | 2357      | 2306      | 2.79   | cps   |
| Yttrium    | 89-1  | 11378070  | 11343474  | 11227601  | 11316382  | 0.70   | cps   |
| Yttrium    | 89-2  | 1915996   | 1924338   | 1939261   | 1926532   | 0.61   | cps   |
| Zinc       | 66-2  | 15655     | 15241     | 15518     | 15472     | 1.36   | cps   |
| Zirconium  | 90-1  | 8244      | 8728      | 7744      | 8239      | 5.97   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:25:33 | DataFile Name :   | 012CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1992 | 1900 | 1742 | 1878    | 6.74   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P7  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 16:29:14 DataFile Name : 013ICV01.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 96041    | 97643    | 97644    | 97109    | 0.95   | cps   |
| Antimony   | 121-1 | 3102019  | 3096934  | 3124097  | 3107683  | 0.46   | cps   |
| Arsenic    | 75-2  | 123202   | 122951   | 122449   | 122867   | 0.31   | cps   |
| Barium     | 135-1 | 391689   | 384151   | 389867   | 388569   | 1.01   | cps   |
| Barium     | 137-1 | 676202   | 672795   | 675492   | 674829   | 0.27   | cps   |
| Beryllium  | 9-1   | 324424   | 327385   | 324597   | 325469   | 0.51   | cps   |
| Bismuth    | 209-1 | 10308905 | 10324875 | 10430746 | 10354842 | 0.64   | cps   |
| Bismuth    | 209-2 | 6792128  | 6871029  | 6856686  | 6839948  | 0.61   | cps   |
| Boron      | 10-1  | 175845   | 178146   | 183225   | 179072   | 2.11   | cps   |
| Boron      | 11-1  | 832405   | 850575   | 866091   | 849690   | 1.98   | cps   |
| Cadmium    | 111-1 | 394933   | 397621   | 395606   | 396053   | 0.35   | cps   |
| Cadmium    | 106-1 | 67579    | 66540    | 65853    | 66657    | 1.30   | cps   |
| Cadmium    | 108-1 | 36627    | 35937    | 36167    | 36244    | 0.97   | cps   |
| Calcium    | 43-1  | 109092   | 110619   | 110073   | 109928   | 0.70   | cps   |
| Calcium    | 44-1  | 1687249  | 1680984  | 1691435  | 1686556  | 0.31   | cps   |
| Chromium   | 52-2  | 546933   | 546067   | 546613   | 546538   | 0.08   | cps   |
| Cobalt     | 59-2  | 888540   | 897350   | 898368   | 894752   | 0.60   | cps   |
| Copper     | 63-2  | 653191   | 649472   | 652194   | 651619   | 0.30   | cps   |
| Dysprosium | 156-1 | 25       | 0        | 8        | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 13       | 0        | 10       | 8        | 89.21  | cps   |
| Erbium     | 164-1 | 208      | 225      | 175      | 203      | 12.55  | cps   |
| Erbium     | 164-2 | 67       | 83       | 73       | 74       | 11.27  | cps   |
| Gadolinium | 160-1 | 175      | 167      | 242      | 194      | 21.14  | cps   |
| Gadolinium | 160-2 | 170      | 147      | 150      | 156      | 8.11   | cps   |
| Holmium    | 165-1 | 15518089 | 15653921 | 15515416 | 15562475 | 0.51   | cps   |
| Holmium    | 165-2 | 8470582  | 8531838  | 8536824  | 8513081  | 0.43   | cps   |
| Indium     | 115-1 | 11719618 | 11794503 | 11749367 | 11754496 | 0.32   | cps   |
| Indium     | 115-2 | 2642281  | 2668751  | 2676805  | 2662613  | 0.68   | cps   |
| Iron       | 56-2  | 4816806  | 4813470  | 4820800  | 4817025  | 0.08   | cps   |
| Iron       | 57-2  | 116593   | 116218   | 117388   | 116733   | 0.51   | cps   |
| Lead       | 206-1 | 2661277  | 2665034  | 2641755  | 2656022  | 0.47   | cps   |
| Lead       | 207-1 | 2301799  | 2315049  | 2293607  | 2303485  | 0.47   | cps   |
| Lead       | 208-1 | 10673015 | 10739803 | 10644756 | 10685858 | 0.46   | cps   |
| Lithium    | 6-1   | 2047783  | 2032921  | 2027807  | 2036170  | 0.51   | cps   |
| Magnesium  | 24-2  | 521839   | 513788   | 518110   | 517912   | 0.78   | cps   |
| Manganese  | 55-2  | 321980   | 322125   | 325405   | 323170   | 0.60   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:29:14 | DataFile Name :   | 013ICV01.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7050345  | 7035001  | 7057273  | 7047540  | 0.16   | cps   |
| Molybdenum | 95-1  | 3821950  | 3830379  | 3829905  | 3827411  | 0.12   | cps   |
| Molybdenum | 96-1  | 4929807  | 4890748  | 4894094  | 4904883  | 0.44   | cps   |
| Molybdenum | 97-1  | 2363001  | 2371824  | 2362018  | 2365614  | 0.23   | cps   |
| Molybdenum | 98-1  | 6167007  | 6185439  | 6172208  | 6174885  | 0.15   | cps   |
| Neodymium  | 150-1 | 7        | 33       | 33       | 24       | 62.97  | cps   |
| Neodymium  | 150-2 | 20       | 7        | 17       | 14       | 48.02  | cps   |
| Nickel     | 60-2  | 242265   | 241879   | 240414   | 241519   | 0.40   | cps   |
| Phosphorus | 31-2  | 417      | 325      | 333      | 358      | 14.15  | cps   |
| Potassium  | 39-2  | 915656   | 909379   | 909230   | 911421   | 0.40   | cps   |
| Rhodium    | 103-1 | 11251608 | 11261071 | 11234782 | 11249153 | 0.12   | cps   |
| Rhodium    | 103-2 | 5760405  | 5769298  | 5775207  | 5768303  | 0.13   | cps   |
| Scandium   | 45-1  | 7851364  | 7781018  | 7820695  | 7817692  | 0.45   | cps   |
| Scandium   | 45-2  | 414433   | 413157   | 415002   | 414197   | 0.23   | cps   |
| Selenium   | 77-2  | 2747     | 2610     | 2847     | 2735     | 4.35   | cps   |
| Selenium   | 78-2  | 9346     | 9264     | 9273     | 9294     | 0.48   | cps   |
| Selenium   | 82-1  | 47517    | 47684    | 47636    | 47612    | 0.18   | cps   |
| Silicon    | 28-1  | 4530064  | 4565026  | 4561123  | 4552071  | 0.42   | cps   |
| Silver     | 109-1 | 1851448  | 1854225  | 1851706  | 1852460  | 0.08   | cps   |
| Silver     | 107-1 | 1941240  | 1956702  | 1941834  | 1946592  | 0.45   | cps   |
| Sodium     | 23-2  | 1665520  | 1651703  | 1654608  | 1657277  | 0.44   | cps   |
| Strontium  | 86-1  | 2375062  | 2364577  | 2396039  | 2378559  | 0.67   | cps   |
| Strontium  | 88-1  | 21035368 | 20948670 | 20928766 | 20970934 | 0.27   | cps   |
| Sulfur     | 34-1  | 372614   | 372159   | 365856   | 370209   | 1.02   | cps   |
| Terbium    | 159-1 | 15972598 | 16021922 | 16085276 | 16026599 | 0.35   | cps   |
| Terbium    | 159-2 | 8598789  | 8655637  | 8614705  | 8623044  | 0.34   | cps   |
| Thallium   | 203-1 | 3339391  | 3347171  | 3321600  | 3336054  | 0.39   | cps   |
| Thallium   | 205-1 | 8061426  | 7981311  | 7939081  | 7993939  | 0.78   | cps   |
| Tin        | 118-1 | 6266520  | 6392637  | 6260447  | 6306535  | 1.18   | cps   |
| Titanium   | 47-1  | 1128943  | 1129243  | 1137840  | 1132009  | 0.45   | cps   |
| Uranium    | 238-1 | 29032005 | 29117607 | 28994986 | 29048199 | 0.22   | cps   |
| Vanadium   | 51-2  | 449097   | 444705   | 445255   | 446352   | 0.54   | cps   |
| Yttrium    | 89-1  | 12238384 | 12339883 | 12303218 | 12293828 | 0.42   | cps   |
| Yttrium    | 89-2  | 2082209  | 2085402  | 2081038  | 2082883  | 0.11   | cps   |
| Zinc       | 66-2  | 178323   | 179188   | 178570   | 178694   | 0.25   | cps   |
| Zirconium  | 90-1  | 13164545 | 13269480 | 13231907 | 13221978 | 0.40   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89354             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-08 16:29:14 | DataFile Name :   | 013ICV01.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2917199 | 2950863 | 2950032 | 2939364 | 0.65   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 16:32:38 DataFile Name : 014CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 300      | 300      | 258      | 286      | 8.41   | cps   |
| Antimony   | 121-1 | 15568    | 13982    | 13324    | 14291    | 8.07   | cps   |
| Arsenic    | 75-2  | 63       | 33       | 74       | 57       | 37.09  | cps   |
| Barium     | 135-1 | 75       | 142      | 92       | 103      | 33.76  | cps   |
| Barium     | 137-1 | 167      | 183      | 142      | 164      | 12.80  | cps   |
| Beryllium  | 9-1   | 67       | 100      | 111      | 93       | 24.98  | cps   |
| Bismuth    | 209-1 | 10459423 | 10465806 | 10537653 | 10487627 | 0.41   | cps   |
| Bismuth    | 209-2 | 6865093  | 6834477  | 6834474  | 6844681  | 0.26   | cps   |
| Boron      | 10-1  | 9553     | 9787     | 9720     | 9687     | 1.24   | cps   |
| Boron      | 11-1  | 47893    | 47250    | 45027    | 46723    | 3.22   | cps   |
| Cadmium    | 111-1 | 2382     | 2453     | 2356     | 2397     | 2.11   | cps   |
| Cadmium    | 106-1 | 3334     | 3434     | 3259     | 3342     | 2.63   | cps   |
| Cadmium    | 108-1 | 8        | 13       | 13       | 11       | 21.67  | cps   |
| Calcium    | 43-1  | 508      | 483      | 525      | 506      | 4.15   | cps   |
| Calcium    | 44-1  | 18688    | 19038    | 18062    | 18596    | 2.66   | cps   |
| Chromium   | 52-2  | 1510     | 1783     | 1720     | 1671     | 8.56   | cps   |
| Cobalt     | 59-2  | 180      | 93       | 130      | 134      | 32.36  | cps   |
| Copper     | 63-2  | 1930     | 1994     | 2020     | 1981     | 2.33   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 17       | 11       | 86.60  | cps   |
| Dysprosium | 156-2 | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 25       | 67       | 42       | 44       | 47.19  | cps   |
| Erbium     | 164-2 | 13       | 23       | 20       | 19       | 26.96  | cps   |
| Gadolinium | 160-1 | 142      | 100      | 92       | 111      | 24.11  | cps   |
| Gadolinium | 160-2 | 133      | 183      | 160      | 159      | 15.75  | cps   |
| Holmium    | 165-1 | 15509222 | 15716397 | 15735895 | 15653838 | 0.80   | cps   |
| Holmium    | 165-2 | 8626832  | 8478318  | 8507146  | 8537432  | 0.92   | cps   |
| Indium     | 115-1 | 11921445 | 12012170 | 11952887 | 11962167 | 0.39   | cps   |
| Indium     | 115-2 | 2699569  | 2706504  | 2708940  | 2705005  | 0.18   | cps   |
| Iron       | 56-2  | 12989    | 12767    | 12311    | 12689    | 2.73   | cps   |
| Iron       | 57-2  | 461      | 528      | 478      | 489      | 7.10   | cps   |
| Lead       | 206-1 | 2084     | 1734     | 1972     | 1930     | 9.27   | cps   |
| Lead       | 207-1 | 1500     | 1767     | 1706     | 1658     | 8.43   | cps   |
| Lead       | 208-1 | 7746     | 7184     | 7684     | 7538     | 4.08   | cps   |
| Lithium    | 6-1   | 2013855  | 1988387  | 1979950  | 1994064  | 0.89   | cps   |
| Magnesium  | 24-2  | 992      | 1042     | 967      | 1000     | 3.82   | cps   |
| Manganese  | 55-2  | 277      | 250      | 183      | 237      | 20.31  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:32:38 | DataFile Name :   | 014CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2750     | 2434     | 2350     | 2511     | 8.40   | cps   |
| Molybdenum | 95-1  | 3717     | 3317     | 3159     | 3398     | 8.47   | cps   |
| Molybdenum | 96-1  | 4251     | 3942     | 3667     | 3954     | 7.38   | cps   |
| Molybdenum | 97-1  | 2567     | 2225     | 2084     | 2292     | 10.84  | cps   |
| Molybdenum | 98-1  | 6127     | 5735     | 5268     | 5710     | 7.53   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 13       | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 70       | 77       | 57       | 68       | 15.02  | cps   |
| Phosphorus | 31-2  | 467      | 300      | 342      | 369      | 23.48  | cps   |
| Potassium  | 39-2  | 51131    | 50462    | 49232    | 50275    | 1.92   | cps   |
| Rhodium    | 103-1 | 11408933 | 11382980 | 11384713 | 11392209 | 0.13   | cps   |
| Rhodium    | 103-2 | 5760666  | 5787495  | 5755417  | 5767859  | 0.30   | cps   |
| Scandium   | 45-1  | 7833033  | 7916990  | 7900032  | 7883352  | 0.56   | cps   |
| Scandium   | 45-2  | 409823   | 409515   | 411777   | 410372   | 0.30   | cps   |
| Selenium   | 77-2  | 3        | 0        | 13       | 6        | 124.93 | cps   |
| Selenium   | 78-2  | 104      | 93       | 115      | 104      | 10.72  | cps   |
| Selenium   | 82-1  | 84       | 58       | 124      | 89       | 37.26  | cps   |
| Silicon    | 28-1  | 562846   | 561520   | 561269   | 561879   | 0.15   | cps   |
| Silver     | 109-1 | 342      | 292      | 317      | 317      | 7.89   | cps   |
| Silver     | 107-1 | 300      | 408      | 367      | 358      | 15.25  | cps   |
| Sodium     | 23-2  | 55119    | 53731    | 53229    | 54026    | 1.81   | cps   |
| Strontium  | 86-1  | 1400     | 1417     | 1417     | 1411     | 0.68   | cps   |
| Strontium  | 88-1  | 942      | 1017     | 883      | 947      | 7.06   | cps   |
| Sulfur     | 34-1  | 367339   | 370286   | 375490   | 371038   | 1.11   | cps   |
| Terbium    | 159-1 | 16216448 | 16143416 | 16109590 | 16156485 | 0.34   | cps   |
| Terbium    | 159-2 | 8621478  | 8581841  | 8564810  | 8589376  | 0.34   | cps   |
| Thallium   | 203-1 | 1275     | 1025     | 1108     | 1136     | 11.20  | cps   |
| Thallium   | 205-1 | 3284     | 3167     | 2684     | 3045     | 10.45  | cps   |
| Tin        | 118-1 | 6110     | 5751     | 5810     | 5890     | 3.27   | cps   |
| Titanium   | 47-1  | 158      | 308      | 333      | 267      | 35.49  | cps   |
| Uranium    | 238-1 | 1325     | 1258     | 1233     | 1272     | 3.73   | cps   |
| Vanadium   | 51-2  | 37       | 37       | 33       | 36       | 5.42   | cps   |
| Yttrium    | 89-1  | 12318376 | 12267534 | 12260714 | 12282208 | 0.26   | cps   |
| Yttrium    | 89-2  | 2082748  | 2078601  | 2076780  | 2079376  | 0.15   | cps   |
| Zinc       | 66-2  | 210      | 287      | 280      | 259      | 16.40  | cps   |
| Zirconium  | 90-1  | 1984     | 1809     | 1992     | 1928     | 5.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:32:38 | DataFile Name :   | 014CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 358  | 350  | 325     | 15.60  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 16:36:05 DataFile Name : 015ICSA01.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 18263486  | 17817184  | 18232270  | 18104313  | 1.38   | cps   |
| Antimony   | 121-1 | 24898     | 23780     | 24489     | 24389     | 2.32   | cps   |
| Arsenic    | 75-2  | 219       | 285       | 235       | 246       | 14.09  | cps   |
| Barium     | 135-1 | 6177      | 5643      | 5801      | 5874      | 4.67   | cps   |
| Barium     | 137-1 | 10838     | 9812      | 10429     | 10360     | 4.98   | cps   |
| Beryllium  | 9-1   | 811       | 861       | 889       | 854       | 4.62   | cps   |
| Bismuth    | 209-1 | 10005856  | 9956332   | 10042748  | 10001645  | 0.43   | cps   |
| Bismuth    | 209-2 | 6426801   | 6452872   | 6492325   | 6457332   | 0.51   | cps   |
| Boron      | 10-1  | 6752      | 6777      | 6460      | 6663      | 2.64   | cps   |
| Boron      | 11-1  | 33906     | 33346     | 32636     | 33296     | 1.91   | cps   |
| Cadmium    | 111-1 | 4062      | 3644      | 4171      | 3959      | 7.03   | cps   |
| Cadmium    | 106-1 | 3401      | 3134      | 3651      | 3395      | 7.61   | cps   |
| Cadmium    | 108-1 | 2717      | 2917      | 2800      | 2811      | 3.57   | cps   |
| Calcium    | 43-1  | 4871863   | 4934104   | 4894336   | 4900101   | 0.64   | cps   |
| Calcium    | 44-1  | 79014198  | 79562410  | 78076616  | 78884408  | 0.95   | cps   |
| Chromium   | 52-2  | 114326    | 114711    | 115044    | 114694    | 0.31   | cps   |
| Cobalt     | 59-2  | 10200     | 10564     | 10614     | 10459     | 2.16   | cps   |
| Copper     | 63-2  | 53066     | 53350     | 54822     | 53746     | 1.75   | cps   |
| Dysprosium | 156-1 | 108       | 58        | 67        | 78        | 34.44  | cps   |
| Dysprosium | 156-2 | 40        | 30        | 40        | 37        | 15.75  | cps   |
| Erbium     | 164-1 | 133       | 175       | 133       | 147       | 16.34  | cps   |
| Erbium     | 164-2 | 43        | 77        | 83        | 68        | 31.62  | cps   |
| Gadolinium | 160-1 | 125       | 125       | 108       | 119       | 8.06   | cps   |
| Gadolinium | 160-2 | 207       | 163       | 187       | 186       | 11.69  | cps   |
| Holmium    | 165-1 | 16070316  | 16064737  | 16172944  | 16102666  | 0.38   | cps   |
| Holmium    | 165-2 | 8621424   | 8670616   | 8713096   | 8668379   | 0.53   | cps   |
| Indium     | 115-1 | 12053698  | 12021764  | 12145755  | 12073739  | 0.53   | cps   |
| Indium     | 115-2 | 2664876   | 2672467   | 2695957   | 2677767   | 0.61   | cps   |
| Iron       | 56-2  | 472074033 | 475985877 | 475924133 | 474661348 | 0.47   | cps   |
| Iron       | 57-2  | 11583421  | 11521001  | 11635652  | 11580025  | 0.50   | cps   |
| Lead       | 206-1 | 64271     | 63791     | 65187     | 64417     | 1.10   | cps   |
| Lead       | 207-1 | 50574     | 51076     | 50161     | 50604     | 0.91   | cps   |
| Lead       | 208-1 | 241696    | 241280    | 241683    | 241553    | 0.10   | cps   |
| Lithium    | 6-1   | 1914385   | 1921691   | 1912112   | 1916063   | 0.26   | cps   |
| Magnesium  | 24-2  | 42982772  | 42259249  | 43105423  | 42782481  | 1.07   | cps   |
| Manganese  | 55-2  | 26401     | 25235     | 25983     | 25873     | 2.28   | cps   |



|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB89354             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-08-08 16:36:05 | DataFile Name :   | 015ICSA01.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 8984750  | 8942336  | 9102694  | 9009927  | 0.92   | cps   |
| Molybdenum | 95-1  | 15809830 | 15724530 | 16017071 | 15850477 | 0.95   | cps   |
| Molybdenum | 96-1  | 17096248 | 17001457 | 17265225 | 17120977 | 0.78   | cps   |
| Molybdenum | 97-1  | 9814794  | 9790220  | 9937666  | 9847560  | 0.80   | cps   |
| Molybdenum | 98-1  | 25644743 | 25402916 | 25692458 | 25580039 | 0.61   | cps   |
| Neodymium  | 150-1 | 100      | 40       | 107      | 82       | 44.66  | cps   |
| Neodymium  | 150-2 | 20       | 47       | 50       | 39       | 42.28  | cps   |
| Nickel     | 60-2  | 13009    | 12622    | 12866    | 12832    | 1.52   | cps   |
| Phosphorus | 31-2  | 1054637  | 1043555  | 1061355  | 1053183  | 0.85   | cps   |
| Potassium  | 39-2  | 43075803 | 43063699 | 43448974 | 43196159 | 0.51   | cps   |
| Rhodium    | 103-1 | 11024888 | 11029310 | 11102222 | 11052140 | 0.39   | cps   |
| Rhodium    | 103-2 | 5539810  | 5555201  | 5595970  | 5563660  | 0.52   | cps   |
| Scandium   | 45-1  | 8121327  | 8142415  | 8045212  | 8102985  | 0.63   | cps   |
| Scandium   | 45-2  | 423067   | 423036   | 424266   | 423456   | 0.17   | cps   |
| Selenium   | 77-2  | 10       | 3        | 10       | 8        | 49.52  | cps   |
| Selenium   | 78-2  | 128      | 126      | 124      | 126      | 1.47   | cps   |
| Selenium   | 82-1  | 162      | -29      | -6       | 42       | 246.59 | cps   |
| Silicon    | 28-1  | 797571   | 799077   | 801791   | 799480   | 0.27   | cps   |
| Silver     | 109-1 | 1325     | 1792     | 1558     | 1558     | 14.97  | cps   |
| Silver     | 107-1 | 1734     | 1817     | 1975     | 1842     | 6.67   | cps   |
| Sodium     | 23-2  | 82049008 | 81712360 | 82969421 | 82243596 | 0.79   | cps   |
| Strontium  | 86-1  | 170905   | 167238   | 169356   | 169166   | 1.09   | cps   |
| Strontium  | 88-1  | 1499954  | 1480253  | 1496479  | 1492229  | 0.70   | cps   |
| Sulfur     | 34-1  | 5870378  | 5878059  | 5772040  | 5840159  | 1.01   | cps   |
| Terbium    | 159-1 | 16514394 | 16573241 | 16611144 | 16566260 | 0.29   | cps   |
| Terbium    | 159-2 | 8729935  | 8659516  | 8693635  | 8694362  | 0.41   | cps   |
| Thallium   | 203-1 | 2025     | 2442     | 2375     | 2281     | 9.82   | cps   |
| Thallium   | 205-1 | 5351     | 5935     | 5810     | 5699     | 5.39   | cps   |
| Tin        | 118-1 | 8703     | 8403     | 7978     | 8361     | 4.36   | cps   |
| Titanium   | 47-1  | 4741419  | 4770322  | 4726522  | 4746088  | 0.47   | cps   |
| Uranium    | 238-1 | 1600     | 1734     | 1675     | 1670     | 4.00   | cps   |
| Vanadium   | 51-2  | 777      | 760      | 720      | 752      | 3.87   | cps   |
| Yttrium    | 89-1  | 12700689 | 12743849 | 12771705 | 12738748 | 0.28   | cps   |
| Yttrium    | 89-2  | 2115960  | 2104225  | 2126337  | 2115508  | 0.52   | cps   |
| Zinc       | 66-2  | 10667    | 10217    | 10017    | 10300    | 3.23   | cps   |
| Zirconium  | 90-1  | 9195     | 7452     | 7619     | 8089     | 11.89  | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB89354             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-08-08 16:36:05 | DataFile Name :   | 015ICSA01.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2125 | 1784 | 1609 | 1839    | 14.29  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:39:27 | DataFile Name :   | 016ICSB.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 18515039  | 18283413  | 18372751  | 18390401  | 0.64   | cps   |
| Antimony   | 121-1 | 346149    | 350207    | 348683    | 348346    | 0.59   | cps   |
| Arsenic    | 75-2  | 12715     | 12524     | 12463     | 12567     | 1.05   | cps   |
| Barium     | 135-1 | 86318     | 87466     | 86309     | 86698     | 0.77   | cps   |
| Barium     | 137-1 | 151416    | 152932    | 150759    | 151702    | 0.73   | cps   |
| Beryllium  | 9-1   | 58709     | 59166     | 58937     | 58937     | 0.39   | cps   |
| Bismuth    | 209-1 | 10304593  | 10242012  | 10175681  | 10240762  | 0.63   | cps   |
| Bismuth    | 209-2 | 6454307   | 6507452   | 6459703   | 6473820   | 0.45   | cps   |
| Boron      | 10-1  | 22376     | 22534     | 22926     | 22612     | 1.25   | cps   |
| Boron      | 11-1  | 112349    | 113375    | 115858    | 113860    | 1.58   | cps   |
| Cadmium    | 111-1 | 80387     | 83078     | 82979     | 82148     | 1.86   | cps   |
| Cadmium    | 106-1 | 13515     | 13115     | 13048     | 13226     | 1.91   | cps   |
| Cadmium    | 108-1 | 9191      | 9166      | 8799      | 9052      | 2.42   | cps   |
| Calcium    | 43-1  | 5004245   | 4994300   | 4961830   | 4986792   | 0.44   | cps   |
| Calcium    | 44-1  | 81176452  | 80608052  | 81437321  | 81073941  | 0.52   | cps   |
| Chromium   | 52-2  | 230093    | 229247    | 230266    | 229869    | 0.24   | cps   |
| Cobalt     | 59-2  | 188568    | 191516    | 193723    | 191269    | 1.35   | cps   |
| Copper     | 63-2  | 183947    | 186425    | 184953    | 185108    | 0.67   | cps   |
| Dysprosium | 156-1 | 125       | 75        | 142       | 114       | 30.46  | cps   |
| Dysprosium | 156-2 | 50        | 47        | 23        | 40        | 36.33  | cps   |
| Erbium     | 164-1 | 142       | 125       | 142       | 136       | 7.07   | cps   |
| Erbium     | 164-2 | 40        | 43        | 50        | 44        | 11.46  | cps   |
| Gadolinium | 160-1 | 175       | 242       | 183       | 200       | 18.16  | cps   |
| Gadolinium | 160-2 | 197       | 193       | 193       | 194       | 0.99   | cps   |
| Holmium    | 165-1 | 16439422  | 16566554  | 16412011  | 16472662  | 0.50   | cps   |
| Holmium    | 165-2 | 8670113   | 8761441   | 8735440   | 8722331   | 0.54   | cps   |
| Indium     | 115-1 | 12422151  | 12568470  | 12409623  | 12466748  | 0.71   | cps   |
| Indium     | 115-2 | 2689788   | 2677905   | 2697467   | 2688386   | 0.37   | cps   |
| Iron       | 56-2  | 478077144 | 483527577 | 483298100 | 481634274 | 0.64   | cps   |
| Iron       | 57-2  | 11612645  | 11782575  | 11870125  | 11755115  | 1.11   | cps   |
| Lead       | 206-1 | 327078    | 331524    | 330347    | 329650    | 0.70   | cps   |
| Lead       | 207-1 | 275598    | 275066    | 273525    | 274730    | 0.39   | cps   |
| Lead       | 208-1 | 1275335   | 1275877   | 1278609   | 1276607   | 0.14   | cps   |
| Lithium    | 6-1   | 1848600   | 1855712   | 1849260   | 1851191   | 0.21   | cps   |
| Magnesium  | 24-2  | 44160176  | 43570277  | 43709413  | 43813289  | 0.70   | cps   |
| Manganese  | 55-2  | 91469     | 92069     | 91925     | 91821     | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:39:27 | DataFile Name :   | 016ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 10040355 | 10036737 | 10046194 | 10041095 | 0.05   | cps   |
| Molybdenum | 95-1  | 16729449 | 16754450 | 16686568 | 16723489 | 0.21   | cps   |
| Molybdenum | 96-1  | 18216976 | 18180934 | 18061044 | 18152985 | 0.45   | cps   |
| Molybdenum | 97-1  | 10372202 | 10432867 | 10423197 | 10409422 | 0.31   | cps   |
| Molybdenum | 98-1  | 26924607 | 27095575 | 27036396 | 27018859 | 0.32   | cps   |
| Neodymium  | 150-1 | 73       | 53       | 60       | 62       | 16.37  | cps   |
| Neodymium  | 150-2 | 17       | 27       | 27       | 23       | 24.74  | cps   |
| Nickel     | 60-2  | 60588    | 60645    | 61472    | 60902    | 0.81   | cps   |
| Phosphorus | 31-2  | 1069776  | 1066797  | 1068944  | 1068506  | 0.14   | cps   |
| Potassium  | 39-2  | 43599949 | 43673590 | 44219608 | 43831049 | 0.77   | cps   |
| Rhodium    | 103-1 | 11416454 | 11484745 | 11449812 | 11450337 | 0.30   | cps   |
| Rhodium    | 103-2 | 5607568  | 5593514  | 5675210  | 5625431  | 0.78   | cps   |
| Scandium   | 45-1  | 8306592  | 8333390  | 8315042  | 8318341  | 0.16   | cps   |
| Scandium   | 45-2  | 425429   | 430495   | 434534   | 430153   | 1.06   | cps   |
| Selenium   | 77-2  | 197      | 330      | 320      | 282      | 26.31  | cps   |
| Selenium   | 78-2  | 1030     | 1002     | 983      | 1005     | 2.32   | cps   |
| Selenium   | 82-1  | 4896     | 5039     | 5157     | 5031     | 2.60   | cps   |
| Silicon    | 28-1  | 1385655  | 1381774  | 1390134  | 1385854  | 0.30   | cps   |
| Silver     | 109-1 | 360157   | 362768   | 358504   | 360476   | 0.60   | cps   |
| Silver     | 107-1 | 378420   | 379047   | 378485   | 378651   | 0.09   | cps   |
| Sodium     | 23-2  | 84348933 | 83700569 | 84606206 | 84218569 | 0.55   | cps   |
| Strontium  | 86-1  | 434926   | 441714   | 436409   | 437683   | 0.82   | cps   |
| Strontium  | 88-1  | 3852603  | 3912755  | 3906189  | 3890516  | 0.85   | cps   |
| Sulfur     | 34-1  | 5963209  | 5881241  | 5877982  | 5907477  | 0.82   | cps   |
| Terbium    | 159-1 | 16893150 | 17141264 | 16876215 | 16970209 | 0.87   | cps   |
| Terbium    | 159-2 | 8826936  | 8837152  | 8688160  | 8784083  | 0.95   | cps   |
| Thallium   | 203-1 | 325113   | 329639   | 328688   | 327813   | 0.73   | cps   |
| Thallium   | 205-1 | 784403   | 789196   | 790867   | 788156   | 0.43   | cps   |
| Tin        | 118-1 | 677135   | 679567   | 679542   | 678748   | 0.21   | cps   |
| Titanium   | 47-1  | 4940935  | 4914696  | 4994896  | 4950176  | 0.83   | cps   |
| Uranium    | 238-1 | 2809785  | 2798317  | 2816841  | 2808314  | 0.33   | cps   |
| Vanadium   | 51-2  | 92793    | 93380    | 94641    | 93605    | 1.01   | cps   |
| Yttrium    | 89-1  | 13067501 | 13153714 | 13101255 | 13107490 | 0.33   | cps   |
| Yttrium    | 89-2  | 2125860  | 2130153  | 2136184  | 2130732  | 0.24   | cps   |
| Zinc       | 66-2  | 27222    | 28348    | 27847    | 27805    | 2.03   | cps   |
| Zirconium  | 90-1  | 1454972  | 1457930  | 1473626  | 1462176  | 0.69   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:39:27 | DataFile Name :   | 016ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 323056 | 327571 | 324400 | 325009  | 0.71   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89354             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV65               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV65               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-08 16:42:50 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 10169662  | 10170848  | 10292899  | 10211136  | 0.69   | cps   |
| Antimony   | 121-1 | 8424263   | 8455773   | 8466138   | 8448725   | 0.26   | cps   |
| Arsenic    | 75-2  | 319879    | 322982    | 322398    | 321753    | 0.51   | cps   |
| Barium     | 135-1 | 10357180  | 10360033  | 10515797  | 10411003  | 0.87   | cps   |
| Barium     | 137-1 | 17920141  | 17897570  | 18175333  | 17997681  | 0.86   | cps   |
| Beryllium  | 9-1   | 1465833   | 1493583   | 1489276   | 1482897   | 1.01   | cps   |
| Bismuth    | 209-1 | 9889668   | 9831901   | 9828834   | 9850134   | 0.35   | cps   |
| Bismuth    | 209-2 | 6249544   | 6308360   | 6385827   | 6314577   | 1.08   | cps   |
| Boron      | 10-1  | 172019    | 177027    | 180181    | 176409    | 2.33   | cps   |
| Boron      | 11-1  | 870854    | 898084    | 901450    | 890129    | 1.88   | cps   |
| Cadmium    | 111-1 | 1943653   | 1948859   | 1952356   | 1948289   | 0.22   | cps   |
| Cadmium    | 106-1 | 210230    | 206779    | 208520    | 208510    | 0.83   | cps   |
| Cadmium    | 108-1 | 139457    | 139520    | 140336    | 139771    | 0.35   | cps   |
| Calcium    | 43-1  | 12500290  | 12672555  | 12574196  | 12582347  | 0.69   | cps   |
| Calcium    | 44-1  | 204015388 | 205547792 | 205689463 | 205084214 | 0.45   | cps   |
| Chromium   | 52-2  | 2971962   | 2994450   | 2966078   | 2977497   | 0.50   | cps   |
| Cobalt     | 59-2  | 4548023   | 4553039   | 4574321   | 4558461   | 0.31   | cps   |
| Copper     | 63-2  | 6441881   | 6435504   | 6432255   | 6436547   | 0.08   | cps   |
| Dysprosium | 156-1 | 208       | 267       | 250       | 242       | 12.43  | cps   |
| Dysprosium | 156-2 | 183       | 107       | 187       | 159       | 28.48  | cps   |
| Erbium     | 164-1 | 167       | 117       | 92        | 125       | 30.55  | cps   |
| Erbium     | 164-2 | 53        | 63        | 67        | 61        | 11.36  | cps   |
| Gadolinium | 160-1 | 258       | 300       | 242       | 267       | 11.27  | cps   |
| Gadolinium | 160-2 | 257       | 247       | 203       | 236       | 12.03  | cps   |
| Holmium    | 165-1 | 16400954  | 16283509  | 16280445  | 16321636  | 0.42   | cps   |
| Holmium    | 165-2 | 8668535   | 8708615   | 8783891   | 8720347   | 0.67   | cps   |
| Indium     | 115-1 | 12195555  | 12112472  | 11992277  | 12100101  | 0.84   | cps   |
| Indium     | 115-2 | 2596726   | 2626674   | 2653533   | 2625644   | 1.08   | cps   |
| Iron       | 56-2  | 606505547 | 607521214 | 604661814 | 606229525 | 0.24   | cps   |
| Iron       | 57-2  | 14814045  | 14805704  | 14829329  | 14816359  | 0.08   | cps   |
| Lead       | 206-1 | 6659086   | 6660406   | 6606904   | 6642132   | 0.46   | cps   |
| Lead       | 207-1 | 5985166   | 6017016   | 5976578   | 5992920   | 0.36   | cps   |
| Lead       | 208-1 | 26796439  | 27102540  | 26903088  | 26934023  | 0.58   | cps   |
| Lithium    | 6-1   | 1774071   | 1777055   | 1780228   | 1777118   | 0.17   | cps   |
| Magnesium  | 24-2  | 113800953 | 114050173 | 115382028 | 114411051 | 0.74   | cps   |
| Manganese  | 55-2  | 3387875   | 3413533   | 3403211   | 3401540   | 0.38   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89354             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV65               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV65               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-08 16:42:50 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 8076184   | 8023847   | 7972412   | 8024147   | 0.65   | cps   |
| Molybdenum | 95-1  | 4316921   | 4247808   | 4287068   | 4283933   | 0.81   | cps   |
| Molybdenum | 96-1  | 5539761   | 5496529   | 5548232   | 5528174   | 0.50   | cps   |
| Molybdenum | 97-1  | 2645730   | 2647650   | 2655884   | 2649755   | 0.20   | cps   |
| Molybdenum | 98-1  | 6933072   | 6958800   | 6890772   | 6927548   | 0.50   | cps   |
| Neodymium  | 150-1 | 480       | 507       | 507       | 498       | 3.09   | cps   |
| Neodymium  | 150-2 | 83        | 90        | 77        | 83        | 8.00   | cps   |
| Nickel     | 60-2  | 1182313   | 1184522   | 1191205   | 1186013   | 0.39   | cps   |
| Phosphorus | 31-2  | 111011    | 112354    | 113624    | 112330    | 1.16   | cps   |
| Potassium  | 39-2  | 58407755  | 58439714  | 58306705  | 58384725  | 0.12   | cps   |
| Rhodium    | 103-1 | 11160861  | 11165472  | 11081405  | 11135913  | 0.42   | cps   |
| Rhodium    | 103-2 | 5447878   | 5485478   | 5525591   | 5486315   | 0.71   | cps   |
| Scandium   | 45-1  | 8303395   | 8279752   | 8274074   | 8285741   | 0.19   | cps   |
| Scandium   | 45-2  | 435940    | 439142    | 445208    | 440097    | 1.07   | cps   |
| Selenium   | 77-2  | 6522      | 6598      | 6452      | 6524      | 1.13   | cps   |
| Selenium   | 78-2  | 22364     | 22633     | 22913     | 22636     | 1.21   | cps   |
| Selenium   | 82-1  | 121994    | 121056    | 121322    | 121457    | 0.40   | cps   |
| Silicon    | 28-1  | 4901676   | 4937297   | 4911187   | 4916720   | 0.38   | cps   |
| Silver     | 109-1 | 9306940   | 9390242   | 9448452   | 9381878   | 0.76   | cps   |
| Silver     | 107-1 | 9953688   | 9904542   | 9944108   | 9934113   | 0.26   | cps   |
| Sodium     | 23-2  | 217537297 | 217666588 | 219206838 | 218136908 | 0.43   | cps   |
| Strontium  | 86-1  | 2720150   | 2704782   | 2728282   | 2717738   | 0.44   | cps   |
| Strontium  | 88-1  | 24065004  | 23844243  | 24040953  | 23983400  | 0.50   | cps   |
| Sulfur     | 34-1  | 1154886   | 1151369   | 1140974   | 1149076   | 0.63   | cps   |
| Terbium    | 159-1 | 16916569  | 17010755  | 16793815  | 16907047  | 0.64   | cps   |
| Terbium    | 159-2 | 8656898   | 8779111   | 8769494   | 8735168   | 0.78   | cps   |
| Thallium   | 203-1 | 8180436   | 8298434   | 8140213   | 8206361   | 1.00   | cps   |
| Thallium   | 205-1 | 19543334  | 19683990  | 19417952  | 19548425  | 0.68   | cps   |
| Tin        | 118-1 | 6800983   | 6772447   | 6758194   | 6777208   | 0.32   | cps   |
| Titanium   | 47-1  | 1240123   | 1247661   | 1242647   | 1243477   | 0.31   | cps   |
| Uranium    | 238-1 | 29051515  | 29417906  | 29104059  | 29191160  | 0.68   | cps   |
| Vanadium   | 51-2  | 2435451   | 2461668   | 2462777   | 2453298   | 0.63   | cps   |
| Yttrium    | 89-1  | 13141839  | 12983276  | 13010113  | 13045076  | 0.65   | cps   |
| Yttrium    | 89-2  | 2116920   | 2137217   | 2156147   | 2136761   | 0.92   | cps   |
| Zinc       | 66-2  | 856269    | 862257    | 855515    | 858013    | 0.43   | cps   |
| Zirconium  | 90-1  | 15163572  | 15039320  | 15177372  | 15126755  | 0.50   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89354             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV65               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV65               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-08 16:42:50 | DataFile Name :   | 017CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 3380169 | 3349524 | 3350744 | 3360146 | 0.52   | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : CCB65 Instrumnet Name : P7  
 Client Sample ID : CCB65 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 16:46:14 DataFile Name : 018CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 250      | 408      | 333      | 331      | 23.96  | cps   |
| Antimony   | 121-1 | 22803    | 20941    | 19322    | 21022    | 8.28   | cps   |
| Arsenic    | 75-2  | 106      | 78       | 70       | 85       | 21.94  | cps   |
| Barium     | 135-1 | 167      | 133      | 75       | 125      | 37.12  | cps   |
| Barium     | 137-1 | 233      | 283      | 217      | 244      | 14.19  | cps   |
| Beryllium  | 9-1   | 122      | 150      | 106      | 126      | 17.83  | cps   |
| Bismuth    | 209-1 | 11354599 | 11259887 | 11081966 | 11232151 | 1.23   | cps   |
| Bismuth    | 209-2 | 7240065  | 7200352  | 7166250  | 7202222  | 0.51   | cps   |
| Boron      | 10-1  | 7185     | 7385     | 6852     | 7141     | 3.78   | cps   |
| Boron      | 11-1  | 39001    | 38241    | 34849    | 37364    | 5.92   | cps   |
| Cadmium    | 111-1 | 2477     | 2792     | 2733     | 2668     | 6.27   | cps   |
| Cadmium    | 106-1 | 3442     | 3851     | 3801     | 3698     | 6.03   | cps   |
| Cadmium    | 108-1 | 46       | 17       | 21       | 28       | 56.78  | cps   |
| Calcium    | 43-1  | 550      | 425      | 408      | 461      | 16.79  | cps   |
| Calcium    | 44-1  | 20732    | 20148    | 19906    | 20262    | 2.10   | cps   |
| Chromium   | 52-2  | 1613     | 1567     | 1520     | 1567     | 2.98   | cps   |
| Cobalt     | 59-2  | 117      | 73       | 147      | 112      | 32.86  | cps   |
| Copper     | 63-2  | 3404     | 3367     | 3167     | 3313     | 3.85   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 8        | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 42       | 58       | 75       | 58       | 28.57  | cps   |
| Erbium     | 164-2 | 27       | 20       | 17       | 21       | 24.12  | cps   |
| Gadolinium | 160-1 | 117      | 192      | 108      | 139      | 33.05  | cps   |
| Gadolinium | 160-2 | 160      | 153      | 153      | 156      | 2.47   | cps   |
| Holmium    | 165-1 | 17173829 | 17048200 | 17053307 | 17091778 | 0.42   | cps   |
| Holmium    | 165-2 | 9060643  | 8989479  | 8937764  | 8995962  | 0.69   | cps   |
| Indium     | 115-1 | 13355511 | 13208140 | 13119067 | 13227572 | 0.90   | cps   |
| Indium     | 115-2 | 2850831  | 2850080  | 2868211  | 2856374  | 0.36   | cps   |
| Iron       | 56-2  | 18340    | 18445    | 18239    | 18341    | 0.56   | cps   |
| Iron       | 57-2  | 706      | 589      | 628      | 641      | 9.27   | cps   |
| Lead       | 206-1 | 3084     | 3067     | 2978     | 3043     | 1.87   | cps   |
| Lead       | 207-1 | 3039     | 3017     | 2862     | 2973     | 3.26   | cps   |
| Lead       | 208-1 | 13058    | 12514    | 12147    | 12573    | 3.65   | cps   |
| Lithium    | 6-1   | 1981567  | 1958464  | 1959739  | 1966590  | 0.66   | cps   |
| Magnesium  | 24-2  | 1433     | 1542     | 1242     | 1406     | 10.81  | cps   |
| Manganese  | 55-2  | 90       | 107      | 57       | 84       | 30.15  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB65               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB65               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:46:14 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4334     | 4259     | 4242     | 4279     | 1.14   | cps   |
| Molybdenum | 95-1  | 5710     | 5943     | 4993     | 5549     | 8.93   | cps   |
| Molybdenum | 96-1  | 6568     | 6160     | 5926     | 6218     | 5.23   | cps   |
| Molybdenum | 97-1  | 3717     | 3617     | 3551     | 3628     | 2.31   | cps   |
| Molybdenum | 98-1  | 9804     | 8603     | 8478     | 8962     | 8.17   | cps   |
| Neodymium  | 150-1 | 0        | 13       | 20       | 11       | 91.66  | cps   |
| Neodymium  | 150-2 | 0        | 13       | 3        | 6        | 124.93 | cps   |
| Nickel     | 60-2  | 77       | 90       | 60       | 76       | 19.89  | cps   |
| Phosphorus | 31-2  | 383      | 367      | 383      | 378      | 2.55   | cps   |
| Potassium  | 39-2  | 65705    | 66114    | 64650    | 65490    | 1.15   | cps   |
| Rhodium    | 103-1 | 12784491 | 12637007 | 12787495 | 12736331 | 0.68   | cps   |
| Rhodium    | 103-2 | 6158970  | 6170440  | 6125721  | 6151710  | 0.38   | cps   |
| Scandium   | 45-1  | 8747892  | 8584089  | 8640516  | 8657499  | 0.96   | cps   |
| Scandium   | 45-2  | 444402   | 441447   | 441010   | 442286   | 0.42   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 120      | 126      | 120      | 122      | 2.63   | cps   |
| Selenium   | 82-1  | 35       | 105      | -51      | 30       | 262.58 | cps   |
| Silicon    | 28-1  | 578377   | 573310   | 568001   | 573229   | 0.91   | cps   |
| Silver     | 109-1 | 1550     | 1308     | 1325     | 1395     | 9.68   | cps   |
| Silver     | 107-1 | 1600     | 1417     | 1133     | 1383     | 17.00  | cps   |
| Sodium     | 23-2  | 92761    | 88452    | 88611    | 89941    | 2.72   | cps   |
| Strontium  | 86-1  | 1800     | 1734     | 1759     | 1764     | 1.91   | cps   |
| Strontium  | 88-1  | 1100     | 1050     | 1025     | 1058     | 3.61   | cps   |
| Sulfur     | 34-1  | 386388   | 392135   | 390608   | 389711   | 0.76   | cps   |
| Terbium    | 159-1 | 17670356 | 17318357 | 17361639 | 17450118 | 1.10   | cps   |
| Terbium    | 159-2 | 9016751  | 9013020  | 9076088  | 9035286  | 0.39   | cps   |
| Thallium   | 203-1 | 2559     | 1959     | 2034     | 2184     | 14.97  | cps   |
| Thallium   | 205-1 | 5393     | 5035     | 4409     | 4946     | 10.07  | cps   |
| Tin        | 118-1 | 6277     | 6202     | 5526     | 6002     | 6.89   | cps   |
| Titanium   | 47-1  | 408      | 450      | 367      | 408      | 10.20  | cps   |
| Uranium    | 238-1 | 925      | 808      | 792      | 842      | 8.63   | cps   |
| Vanadium   | 51-2  | 33       | 27       | 53       | 38       | 36.73  | cps   |
| Yttrium    | 89-1  | 13635840 | 13730500 | 13435244 | 13600528 | 1.11   | cps   |
| Yttrium    | 89-2  | 2217904  | 2200847  | 2208879  | 2209210  | 0.39   | cps   |
| Zinc       | 66-2  | 230      | 227      | 257      | 238      | 6.91   | cps   |
| Zirconium  | 90-1  | 3634     | 3267     | 3084     | 3328     | 8.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB65               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB65               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:46:14 | DataFile Name :   | 018CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 783  | 617  | 900  | 767     | 18.57  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:49:39 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3292     | 2892     | 3050     | 3078     | 6.55   | cps   |
| Antimony   | 121-1 | 29690    | 29916    | 27770    | 29125    | 4.05   | cps   |
| Arsenic    | 75-2  | 498      | 480      | 515      | 498      | 3.54   | cps   |
| Barium     | 135-1 | 28046    | 27052    | 27528    | 27542    | 1.80   | cps   |
| Barium     | 137-1 | 47240    | 47917    | 47390    | 47516    | 0.75   | cps   |
| Beryllium  | 9-1   | 2345     | 2011     | 2145     | 2167     | 7.74   | cps   |
| Bismuth    | 209-1 | 10995805 | 10981180 | 11152087 | 11043024 | 0.86   | cps   |
| Bismuth    | 209-2 | 7206151  | 7155442  | 7200662  | 7187418  | 0.39   | cps   |
| Boron      | 10-1  | 10037    | 9912     | 9929     | 9959     | 0.68   | cps   |
| Boron      | 11-1  | 48922    | 48379    | 47593    | 48298    | 1.38   | cps   |
| Cadmium    | 111-1 | 5621     | 5389     | 5398     | 5469     | 2.40   | cps   |
| Cadmium    | 106-1 | 4084     | 3751     | 4034     | 3956     | 4.54   | cps   |
| Cadmium    | 108-1 | 233      | 267      | 246      | 249      | 6.77   | cps   |
| Calcium    | 43-1  | 17553    | 18195    | 17953    | 17900    | 1.81   | cps   |
| Calcium    | 44-1  | 298641   | 300016   | 297269   | 298642   | 0.46   | cps   |
| Chromium   | 52-2  | 10514    | 10380    | 10304    | 10399    | 1.02   | cps   |
| Cobalt     | 59-2  | 6888     | 6542     | 6558     | 6663     | 2.94   | cps   |
| Copper     | 63-2  | 13330    | 13573    | 13807    | 13570    | 1.76   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 17       | 17       | 50.01  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Erbium     | 164-1 | 142      | 83       | 117      | 114      | 25.69  | cps   |
| Erbium     | 164-2 | 37       | 53       | 47       | 46       | 18.41  | cps   |
| Gadolinium | 160-1 | 117      | 183      | 108      | 136      | 30.20  | cps   |
| Gadolinium | 160-2 | 143      | 143      | 160      | 149      | 6.46   | cps   |
| Holmium    | 165-1 | 16826251 | 16613530 | 16993131 | 16810971 | 1.13   | cps   |
| Holmium    | 165-2 | 9093703  | 9059515  | 9122775  | 9091997  | 0.35   | cps   |
| Indium     | 115-1 | 13184074 | 13137872 | 13199172 | 13173706 | 0.24   | cps   |
| Indium     | 115-2 | 2860311  | 2859541  | 2878714  | 2866189  | 0.38   | cps   |
| Iron       | 56-2  | 181755   | 183691   | 183914   | 183120   | 0.65   | cps   |
| Iron       | 57-2  | 4751     | 4862     | 4934     | 4849     | 1.91   | cps   |
| Lead       | 206-1 | 18124    | 18480    | 18358    | 18320    | 0.99   | cps   |
| Lead       | 207-1 | 16483    | 16461    | 17239    | 16728    | 2.65   | cps   |
| Lead       | 208-1 | 72979    | 75158    | 76243    | 74793    | 2.22   | cps   |
| Lithium    | 6-1   | 1911394  | 1912865  | 1946024  | 1923428  | 1.02   | cps   |
| Magnesium  | 24-2  | 154219   | 157788   | 157535   | 156514   | 1.27   | cps   |
| Manganese  | 55-2  | 2510     | 2610     | 2484     | 2535     | 2.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:49:39 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 25240    | 25265    | 25206    | 25237    | 0.12   | cps   |
| Molybdenum | 95-1  | 29439    | 29548    | 29390    | 29459    | 0.28   | cps   |
| Molybdenum | 96-1  | 32972    | 32705    | 34059    | 33245    | 2.16   | cps   |
| Molybdenum | 97-1  | 19347    | 18872    | 18822    | 19013    | 1.53   | cps   |
| Molybdenum | 98-1  | 48091    | 47371    | 48885    | 48116    | 1.57   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 13       | 4        | 173.21 | cps   |
| Nickel     | 60-2  | 1930     | 1830     | 1803     | 1855     | 3.60   | cps   |
| Phosphorus | 31-2  | 333      | 417      | 500      | 417      | 20.00  | cps   |
| Potassium  | 39-2  | 213405   | 212796   | 211157   | 212453   | 0.55   | cps   |
| Rhodium    | 103-1 | 12465082 | 12434077 | 12653748 | 12517635 | 0.95   | cps   |
| Rhodium    | 103-2 | 6215164  | 6237325  | 6253721  | 6235404  | 0.31   | cps   |
| Scandium   | 45-1  | 8582249  | 8469137  | 8596951  | 8549446  | 0.82   | cps   |
| Scandium   | 45-2  | 446132   | 446259   | 451279   | 447890   | 0.66   | cps   |
| Selenium   | 77-2  | 50       | 30       | 83       | 54       | 49.49  | cps   |
| Selenium   | 78-2  | 300      | 289      | 259      | 283      | 7.45   | cps   |
| Selenium   | 82-1  | 883      | 866      | 805      | 851      | 4.84   | cps   |
| Silicon    | 28-1  | 647551   | 653283   | 650060   | 650298   | 0.44   | cps   |
| Silver     | 109-1 | 18571    | 16861    | 18680    | 18037    | 5.66   | cps   |
| Silver     | 107-1 | 18379    | 18880    | 18663    | 18641    | 1.35   | cps   |
| Sodium     | 23-2  | 367305   | 364875   | 365380   | 365854   | 0.35   | cps   |
| Strontium  | 86-1  | 5751     | 5059     | 5076     | 5296     | 7.45   | cps   |
| Strontium  | 88-1  | 33523    | 32788    | 32087    | 32800    | 2.19   | cps   |
| Sulfur     | 34-1  | 398210   | 399769   | 394864   | 397614   | 0.63   | cps   |
| Terbium    | 159-1 | 17294595 | 17305488 | 17404203 | 17334762 | 0.35   | cps   |
| Terbium    | 159-2 | 9096184  | 9049126  | 9120990  | 9088767  | 0.40   | cps   |
| Thallium   | 203-1 | 11948    | 12515    | 12498    | 12320    | 2.62   | cps   |
| Thallium   | 205-1 | 30269    | 29191    | 29734    | 29732    | 1.81   | cps   |
| Tin        | 118-1 | 48694    | 48702    | 47757    | 48384    | 1.12   | cps   |
| Titanium   | 47-1  | 9495     | 8403     | 7936     | 8611     | 9.29   | cps   |
| Uranium    | 238-1 | 36570    | 37372    | 38265    | 37403    | 2.27   | cps   |
| Vanadium   | 51-2  | 16309    | 16136    | 16106    | 16184    | 0.68   | cps   |
| Yttrium    | 89-1  | 13450882 | 13428179 | 13551184 | 13476748 | 0.49   | cps   |
| Yttrium    | 89-2  | 2219868  | 2221092  | 2225817  | 2222259  | 0.14   | cps   |
| Zinc       | 66-2  | 2037     | 2020     | 2027     | 2028     | 0.41   | cps   |
| Zirconium  | 90-1  | 23645    | 23796    | 23871    | 23771    | 0.48   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 16:49:39 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4751 | 5101 | 5351 | 5068    | 5.95   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101366BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101366BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:05:06 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 325      | 433      | 358      | 372      | 14.91  | cps   |
| Antimony   | 121-1 | 1492     | 1458     | 1458     | 1470     | 1.31   | cps   |
| Arsenic    | 75-2  | 13       | 11       | 11       | 12       | 9.11   | cps   |
| Barium     | 135-1 | 42       | 92       | 50       | 61       | 43.83  | cps   |
| Barium     | 137-1 | 83       | 83       | 67       | 78       | 12.37  | cps   |
| Beryllium  | 9-1   | 44       | 39       | 67       | 50       | 29.40  | cps   |
| Bismuth    | 209-1 | 10878299 | 10610977 | 10686658 | 10725311 | 1.28   | cps   |
| Bismuth    | 209-2 | 6885778  | 6930777  | 6807850  | 6874802  | 0.90   | cps   |
| Boron      | 10-1  | 1300     | 1633     | 1358     | 1431     | 12.44  | cps   |
| Boron      | 11-1  | 7886     | 7435     | 7135     | 7486     | 5.05   | cps   |
| Cadmium    | 111-1 | 2357     | 2240     | 2270     | 2289     | 2.66   | cps   |
| Cadmium    | 106-1 | 3367     | 3201     | 3217     | 3262     | 2.82   | cps   |
| Cadmium    | 108-1 | 13       | 25       | 4        | 14       | 75.48  | cps   |
| Calcium    | 43-1  | 492      | 492      | 383      | 456      | 13.73  | cps   |
| Calcium    | 44-1  | 17970    | 17536    | 17536    | 17681    | 1.42   | cps   |
| Chromium   | 52-2  | 1737     | 2100     | 1883     | 1907     | 9.59   | cps   |
| Cobalt     | 59-2  | 93       | 110      | 133      | 112      | 17.90  | cps   |
| Copper     | 63-2  | 1757     | 1770     | 1857     | 1795     | 3.03   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 17       | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 58       | 25       | 50       | 44       | 39.04  | cps   |
| Erbium     | 164-2 | 10       | 33       | 30       | 24       | 51.62  | cps   |
| Gadolinium | 160-1 | 75       | 125      | 75       | 92       | 31.50  | cps   |
| Gadolinium | 160-2 | 163      | 143      | 177      | 161      | 10.41  | cps   |
| Holmium    | 165-1 | 16445101 | 16131076 | 16334155 | 16303444 | 0.98   | cps   |
| Holmium    | 165-2 | 8709603  | 8619205  | 8591856  | 8640221  | 0.71   | cps   |
| Indium     | 115-1 | 12705319 | 12624656 | 12654248 | 12661408 | 0.32   | cps   |
| Indium     | 115-2 | 2751704  | 2765653  | 2740423  | 2752593  | 0.46   | cps   |
| Iron       | 56-2  | 7046     | 7508     | 7963     | 7506     | 6.11   | cps   |
| Iron       | 57-2  | 394      | 400      | 339      | 378      | 8.95   | cps   |
| Lead       | 206-1 | 1650     | 1517     | 1561     | 1576     | 4.31   | cps   |
| Lead       | 207-1 | 1245     | 1267     | 1333     | 1282     | 3.61   | cps   |
| Lead       | 208-1 | 6045     | 5901     | 5951     | 5966     | 1.23   | cps   |
| Lithium    | 6-1   | 1821754  | 1796157  | 1812616  | 1810176  | 0.72   | cps   |
| Magnesium  | 24-2  | 733      | 608      | 583      | 642      | 12.52  | cps   |
| Manganese  | 55-2  | 50       | 87       | 97       | 78       | 31.59  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101366BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101366BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:05:06 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 1025     | 867      | 900      | 931      | 8.97    | cps   |
| Molybdenum | 95-1  | 500      | 600      | 450      | 517      | 14.78   | cps   |
| Molybdenum | 96-1  | 758      | 750      | 800      | 770      | 3.48    | cps   |
| Molybdenum | 97-1  | 567      | 450      | 333      | 450      | 25.93   | cps   |
| Molybdenum | 98-1  | 875      | 733      | 908      | 839      | 11.08   | cps   |
| Neodymium  | 150-1 | 13       | 7        | 20       | 13       | 49.99   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 80       | 90       | 110      | 93       | 16.37   | cps   |
| Phosphorus | 31-2  | 325      | 367      | 267      | 319      | 15.73   | cps   |
| Potassium  | 39-2  | 47836    | 47811    | 47761    | 47803    | 0.08    | cps   |
| Rhodium    | 103-1 | 12244422 | 11908912 | 12106233 | 12086522 | 1.40    | cps   |
| Rhodium    | 103-2 | 5983256  | 5986503  | 5976135  | 5981965  | 0.09    | cps   |
| Scandium   | 45-1  | 8327479  | 8144770  | 8100690  | 8190980  | 1.47    | cps   |
| Scandium   | 45-2  | 435801   | 434593   | 430086   | 433493   | 0.69    | cps   |
| Selenium   | 77-2  | 3        | 7        | 0        | 3        | 100.05  | cps   |
| Selenium   | 78-2  | 137      | 100      | 93       | 110      | 21.67   | cps   |
| Selenium   | 82-1  | -29      | 78       | -40      | 3        | 2107.62 | cps   |
| Silicon    | 28-1  | 603252   | 605970   | 601789   | 603670   | 0.35    | cps   |
| Silver     | 109-1 | 250      | 233      | 208      | 231      | 9.10    | cps   |
| Silver     | 107-1 | 283      | 258      | 408      | 317      | 25.38   | cps   |
| Sodium     | 23-2  | 50804    | 51373    | 53045    | 51740    | 2.25    | cps   |
| Strontium  | 86-1  | 1884     | 1734     | 1675     | 1764     | 6.09    | cps   |
| Strontium  | 88-1  | 1483     | 2529     | 1442     | 1818     | 33.89   | cps   |
| Sulfur     | 34-1  | 437714   | 429702   | 426084   | 431166   | 1.38    | cps   |
| Terbium    | 159-1 | 17016555 | 16597832 | 16517962 | 16710783 | 1.60    | cps   |
| Terbium    | 159-2 | 8783797  | 8693744  | 8752857  | 8743466  | 0.52    | cps   |
| Thallium   | 203-1 | 375      | 500      | 525      | 467      | 17.22   | cps   |
| Thallium   | 205-1 | 1042     | 1108     | 1083     | 1078     | 3.13    | cps   |
| Tin        | 118-1 | 2350     | 2500     | 2334     | 2395     | 3.83    | cps   |
| Titanium   | 47-1  | 233      | 200      | 192      | 208      | 10.58   | cps   |
| Uranium    | 238-1 | 117      | 200      | 175      | 164      | 26.09   | cps   |
| Vanadium   | 51-2  | 10       | 33       | 20       | 21       | 55.45   | cps   |
| Yttrium    | 89-1  | 13147610 | 12887568 | 12949982 | 12995054 | 1.04    | cps   |
| Yttrium    | 89-2  | 2140761  | 2144567  | 2148051  | 2144460  | 0.17    | cps   |
| Zinc       | 66-2  | 163      | 147      | 147      | 152      | 6.32    | cps   |
| Zirconium  | 90-1  | 1642     | 1583     | 1792     | 1672     | 6.43    | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101366BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101366BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:05:06 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 358  | 308  | 344     | 9.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101366BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101366BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:08:32 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 933      | 733      | 675      | 781      | 17.36  | cps   |
| Antimony   | 121-1 | 1075     | 1158     | 1167     | 1133     | 4.47   | cps   |
| Arsenic    | 75-2  | 22       | 30       | 28       | 27       | 14.53  | cps   |
| Barium     | 135-1 | 58       | 75       | 58       | 64       | 15.05  | cps   |
| Barium     | 137-1 | 125      | 117      | 58       | 100      | 36.32  | cps   |
| Beryllium  | 9-1   | 67       | 56       | 72       | 65       | 13.09  | cps   |
| Bismuth    | 209-1 | 11024064 | 10888493 | 10709226 | 10873928 | 1.45   | cps   |
| Bismuth    | 209-2 | 6895200  | 6921162  | 6988417  | 6934926  | 0.69   | cps   |
| Boron      | 10-1  | 1250     | 1367     | 1217     | 1278     | 6.16   | cps   |
| Boron      | 11-1  | 6593     | 6793     | 6393     | 6593     | 3.03   | cps   |
| Cadmium    | 111-1 | 2427     | 2240     | 2351     | 2339     | 4.01   | cps   |
| Cadmium    | 106-1 | 3467     | 3159     | 3326     | 3317     | 4.65   | cps   |
| Cadmium    | 108-1 | 13       | 0        | 8        | 7        | 91.66  | cps   |
| Calcium    | 43-1  | 308      | 400      | 492      | 400      | 22.92  | cps   |
| Calcium    | 44-1  | 17394    | 16577    | 16577    | 16849    | 2.80   | cps   |
| Chromium   | 52-2  | 1843     | 1830     | 1900     | 1858     | 2.00   | cps   |
| Cobalt     | 59-2  | 167      | 130      | 147      | 148      | 12.42  | cps   |
| Copper     | 63-2  | 1587     | 1703     | 1680     | 1657     | 3.73   | cps   |
| Dysprosium | 156-1 | 33       | 17       | 8        | 19       | 65.47  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 67       | 100      | 50       | 72       | 35.25  | cps   |
| Erbium     | 164-2 | 13       | 27       | 20       | 20       | 33.35  | cps   |
| Gadolinium | 160-1 | 92       | 50       | 75       | 72       | 29.04  | cps   |
| Gadolinium | 160-2 | 170      | 150      | 133      | 151      | 12.15  | cps   |
| Holmium    | 165-1 | 16613664 | 16322044 | 16212265 | 16382658 | 1.27   | cps   |
| Holmium    | 165-2 | 8698557  | 8808392  | 8739882  | 8748944  | 0.63   | cps   |
| Indium     | 115-1 | 12999530 | 12811819 | 12638991 | 12816780 | 1.41   | cps   |
| Indium     | 115-2 | 2758199  | 2783094  | 2794588  | 2778627  | 0.67   | cps   |
| Iron       | 56-2  | 8664     | 8970     | 9064     | 8899     | 2.35   | cps   |
| Iron       | 57-2  | 422      | 333      | 372      | 376      | 11.85  | cps   |
| Lead       | 206-1 | 6735505  | 6704744  | 6745720  | 6728657  | 0.32   | cps   |
| Lead       | 207-1 | 6015083  | 5988227  | 6005401  | 6002904  | 0.23   | cps   |
| Lead       | 208-1 | 27256527 | 27079693 | 27170317 | 27168846 | 0.33   | cps   |
| Lithium    | 6-1   | 1871758  | 1848085  | 1822461  | 1847435  | 1.33   | cps   |
| Magnesium  | 24-2  | 583      | 642      | 542      | 589      | 8.53   | cps   |
| Manganese  | 55-2  | 110      | 100      | 73       | 94       | 20.07  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101366BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101366BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:08:32 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 800      | 775      | 667      | 747      | 9.49    | cps   |
| Molybdenum | 95-1  | 550      | 567      | 700      | 606      | 13.58   | cps   |
| Molybdenum | 96-1  | 708      | 683      | 675      | 689      | 2.52    | cps   |
| Molybdenum | 97-1  | 417      | 433      | 508      | 453      | 10.79   | cps   |
| Molybdenum | 98-1  | 808      | 950      | 833      | 864      | 8.75    | cps   |
| Neodymium  | 150-1 | 7        | 13       | 7        | 9        | 43.25   | cps   |
| Neodymium  | 150-2 | 7        | 0        | 0        | 2        | 173.21  | cps   |
| Nickel     | 60-2  | 77       | 100      | 93       | 90       | 13.35   | cps   |
| Phosphorus | 31-2  | 392      | 392      | 425      | 403      | 4.78    | cps   |
| Potassium  | 39-2  | 47075    | 48029    | 46792    | 47299    | 1.37    | cps   |
| Rhodium    | 103-1 | 12332553 | 12115382 | 12003188 | 12150374 | 1.38    | cps   |
| Rhodium    | 103-2 | 6018614  | 6000940  | 6034983  | 6018179  | 0.28    | cps   |
| Scandium   | 45-1  | 8567797  | 8546177  | 8298708  | 8470894  | 1.76    | cps   |
| Scandium   | 45-2  | 430770   | 435045   | 435976   | 433930   | 0.64    | cps   |
| Selenium   | 77-2  | 7        | 0        | 10       | 6        | 91.64   | cps   |
| Selenium   | 78-2  | 135      | 119      | 102      | 119      | 14.07   | cps   |
| Selenium   | 82-1  | 9        | -86      | -25      | -34      | -141.99 | cps   |
| Silicon    | 28-1  | 606857   | 610456   | 605605   | 607639   | 0.41    | cps   |
| Silver     | 109-1 | 300      | 283      | 267      | 283      | 5.88    | cps   |
| Silver     | 107-1 | 383      | 383      | 350      | 372      | 5.17    | cps   |
| Sodium     | 23-2  | 50411    | 50168    | 48354    | 49644    | 2.26    | cps   |
| Strontium  | 86-1  | 1675     | 1650     | 1767     | 1697     | 3.62    | cps   |
| Strontium  | 88-1  | 700      | 883      | 850      | 811      | 12.04   | cps   |
| Sulfur     | 34-1  | 437933   | 434405   | 431229   | 434522   | 0.77    | cps   |
| Terbium    | 159-1 | 17096424 | 16952516 | 16840180 | 16963040 | 0.76    | cps   |
| Terbium    | 159-2 | 8692838  | 8758626  | 8748225  | 8733230  | 0.40    | cps   |
| Thallium   | 203-1 | 525      | 483      | 325      | 444      | 23.74   | cps   |
| Thallium   | 205-1 | 1267     | 1242     | 1233     | 1247     | 1.39    | cps   |
| Tin        | 118-1 | 2042     | 1692     | 1859     | 1864     | 9.39    | cps   |
| Titanium   | 47-1  | 250      | 117      | 142      | 169      | 41.83   | cps   |
| Uranium    | 238-1 | 583      | 383      | 400      | 456      | 24.36   | cps   |
| Vanadium   | 51-2  | 7        | 20       | 13       | 13       | 49.99   | cps   |
| Yttrium    | 89-1  | 13416079 | 13179807 | 13082864 | 13226250 | 1.30    | cps   |
| Yttrium    | 89-2  | 2170526  | 2167790  | 2178258  | 2172192  | 0.25    | cps   |
| Zinc       | 66-2  | 220      | 240      | 263      | 241      | 8.99    | cps   |
| Zirconium  | 90-1  | 1533     | 1425     | 1367     | 1442     | 5.87    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101366BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101366BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:08:32 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 342  | 317  | 336     | 5.16   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-01             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-01-BS-H-W3-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:11:57  | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 933      | 875      | 992      | 933      | 6.25   | cps   |
| Antimony   | 121-1 | 1325     | 1592     | 1400     | 1439     | 9.56   | cps   |
| Arsenic    | 75-2  | 120      | 115      | 135      | 123      | 8.53   | cps   |
| Barium     | 135-1 | 3609     | 3434     | 3609     | 3551     | 2.85   | cps   |
| Barium     | 137-1 | 5793     | 6143     | 5360     | 5765     | 6.81   | cps   |
| Beryllium  | 9-1   | 33       | 56       | 39       | 43       | 27.16  | cps   |
| Bismuth    | 209-1 | 11657684 | 11547668 | 11610345 | 11605232 | 0.48   | cps   |
| Bismuth    | 209-2 | 7310939  | 7387751  | 7320586  | 7339759  | 0.57   | cps   |
| Boron      | 10-1  | 5368     | 5543     | 5601     | 5504     | 2.21   | cps   |
| Boron      | 11-1  | 27526    | 27810    | 27743    | 27693    | 0.54   | cps   |
| Cadmium    | 111-1 | 2543     | 2594     | 2347     | 2494     | 5.22   | cps   |
| Cadmium    | 106-1 | 3609     | 3709     | 3351     | 3556     | 5.20   | cps   |
| Cadmium    | 108-1 | 13       | 33       | 33       | 26       | 45.58  | cps   |
| Calcium    | 43-1  | 265010   | 264729   | 265945   | 265228   | 0.24   | cps   |
| Calcium    | 44-1  | 4426491  | 4376008  | 4407671  | 4403390  | 0.58   | cps   |
| Chromium   | 52-2  | 1793     | 1717     | 1737     | 1749     | 2.27   | cps   |
| Cobalt     | 59-2  | 123      | 147      | 123      | 131      | 10.27  | cps   |
| Copper     | 63-2  | 27022    | 26918    | 27052    | 26997    | 0.26   | cps   |
| Dysprosium | 156-1 | 42       | 17       | 33       | 31       | 41.66  | cps   |
| Dysprosium | 156-2 | 23       | 23       | 17       | 21       | 18.21  | cps   |
| Erbium     | 164-1 | 58       | 108      | 67       | 78       | 34.44  | cps   |
| Erbium     | 164-2 | 30       | 10       | 43       | 28       | 60.40  | cps   |
| Gadolinium | 160-1 | 108      | 133      | 117      | 119      | 10.66  | cps   |
| Gadolinium | 160-2 | 167      | 130      | 103      | 133      | 23.85  | cps   |
| Holmium    | 165-1 | 17640971 | 17626851 | 17558772 | 17608865 | 0.25   | cps   |
| Holmium    | 165-2 | 9194702  | 9247714  | 9228086  | 9223501  | 0.29   | cps   |
| Indium     | 115-1 | 13872840 | 13691833 | 13772778 | 13779150 | 0.66   | cps   |
| Indium     | 115-2 | 2906131  | 2918695  | 2921362  | 2915396  | 0.28   | cps   |
| Iron       | 56-2  | 33572    | 34113    | 34324    | 34003    | 1.14   | cps   |
| Iron       | 57-2  | 1650     | 1645     | 1667     | 1654     | 0.70   | cps   |
| Lead       | 206-1 | 4712     | 4312     | 4656     | 4560     | 4.75   | cps   |
| Lead       | 207-1 | 4095     | 4145     | 4245     | 4162     | 1.84   | cps   |
| Lead       | 208-1 | 18678    | 18378    | 18706    | 18587    | 0.98   | cps   |
| Lithium    | 6-1   | 1994294  | 1964567  | 1978170  | 1979010  | 0.75   | cps   |
| Magnesium  | 24-2  | 575586   | 572483   | 573972   | 574014   | 0.27   | cps   |
| Manganese  | 55-2  | 2977     | 2600     | 2970     | 2849     | 7.57   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-01             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-01-BS-H-W3-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:11:57  | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4501     | 3659     | 3492     | 3884     | 13.92  | cps   |
| Molybdenum | 95-1  | 683      | 733      | 708      | 708      | 3.53   | cps   |
| Molybdenum | 96-1  | 1425     | 1433     | 1267     | 1375     | 6.83   | cps   |
| Molybdenum | 97-1  | 658      | 683      | 467      | 603      | 19.66  | cps   |
| Molybdenum | 98-1  | 1400     | 1317     | 1342     | 1353     | 3.16   | cps   |
| Neodymium  | 150-1 | 13       | 7        | 0        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 680      | 777      | 787      | 748      | 7.88   | cps   |
| Phosphorus | 31-2  | 7627     | 7536     | 7902     | 7688     | 2.48   | cps   |
| Potassium  | 39-2  | 321915   | 323686   | 318921   | 321507   | 0.75   | cps   |
| Rhodium    | 103-1 | 13041774 | 13023426 | 12960155 | 13008452 | 0.33   | cps   |
| Rhodium    | 103-2 | 6278799  | 6238428  | 6309135  | 6275454  | 0.57   | cps   |
| Scandium   | 45-1  | 8890366  | 8938259  | 9045361  | 8957995  | 0.89   | cps   |
| Scandium   | 45-2  | 462718   | 459012   | 456859   | 459530   | 0.64   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 130      | 100      | 81       | 104      | 23.42  | cps   |
| Selenium   | 82-1  | 31       | 114      | 85       | 77       | 55.22  | cps   |
| Silicon    | 28-1  | 25511418 | 25586356 | 25177751 | 25425175 | 0.86   | cps   |
| Silver     | 109-1 | 2792     | 2584     | 2617     | 2664     | 4.20   | cps   |
| Silver     | 107-1 | 3125     | 2492     | 2592     | 2737     | 12.45  | cps   |
| Sodium     | 23-2  | 10031355 | 9955603  | 9976497  | 9987818  | 0.39   | cps   |
| Strontium  | 86-1  | 42062    | 40809    | 42890    | 41921    | 2.50   | cps   |
| Strontium  | 88-1  | 357527   | 358755   | 355311   | 357198   | 0.49   | cps   |
| Sulfur     | 34-1  | 533342   | 530054   | 523632   | 529010   | 0.93   | cps   |
| Terbium    | 159-1 | 18239119 | 18080496 | 18155715 | 18158443 | 0.44   | cps   |
| Terbium    | 159-2 | 9322584  | 9253078  | 9176671  | 9250778  | 0.79   | cps   |
| Thallium   | 203-1 | 400      | 517      | 483      | 467      | 12.88  | cps   |
| Thallium   | 205-1 | 900      | 858      | 1067     | 942      | 11.71  | cps   |
| Tin        | 118-1 | 1459     | 1400     | 1283     | 1381     | 6.46   | cps   |
| Titanium   | 47-1  | 5293     | 4376     | 4859     | 4843     | 9.47   | cps   |
| Uranium    | 238-1 | 133      | 158      | 217      | 169      | 25.24  | cps   |
| Vanadium   | 51-2  | 813      | 867      | 813      | 831      | 3.71   | cps   |
| Yttrium    | 89-1  | 14244705 | 14302827 | 14270836 | 14272790 | 0.20   | cps   |
| Yttrium    | 89-2  | 2272489  | 2283227  | 2277908  | 2277875  | 0.24   | cps   |
| Zinc       | 66-2  | 3014     | 3144     | 3057     | 3071     | 2.16   | cps   |
| Zirconium  | 90-1  | 10705    | 9479     | 8453     | 9545     | 11.81  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-01             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-01-BS-H-W3-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:11:57  | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2234 | 2142 | 1892 | 2089    | 8.47   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-02-BS-H-W3-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:15:21  | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 575      | 542      | 558      | 558      | 2.99   | cps   |
| Antimony   | 121-1 | 1417     | 1200     | 1442     | 1353     | 9.82   | cps   |
| Arsenic    | 75-2  | 119      | 141      | 137      | 132      | 9.01   | cps   |
| Barium     | 135-1 | 1433     | 1300     | 1467     | 1400     | 6.30   | cps   |
| Barium     | 137-1 | 2150     | 2275     | 1917     | 2114     | 8.60   | cps   |
| Beryllium  | 9-1   | 78       | 61       | 61       | 67       | 14.44  | cps   |
| Bismuth    | 209-1 | 11367318 | 11357350 | 11211096 | 11311921 | 0.77   | cps   |
| Bismuth    | 209-2 | 7053058  | 7274911  | 7509458  | 7279142  | 3.14   | cps   |
| Boron      | 10-1  | 5226     | 5134     | 5460     | 5273     | 3.18   | cps   |
| Boron      | 11-1  | 27359    | 26491    | 27626    | 27159    | 2.19   | cps   |
| Cadmium    | 111-1 | 2386     | 2635     | 2695     | 2572     | 6.36   | cps   |
| Cadmium    | 106-1 | 3392     | 3751     | 3851     | 3665     | 6.58   | cps   |
| Cadmium    | 108-1 | 25       | 17       | 25       | 22       | 21.64  | cps   |
| Calcium    | 43-1  | 259041   | 257649   | 257919   | 258203   | 0.29   | cps   |
| Calcium    | 44-1  | 4291862  | 4308796  | 4258505  | 4286388  | 0.60   | cps   |
| Chromium   | 52-2  | 1837     | 1944     | 1903     | 1895     | 2.85   | cps   |
| Cobalt     | 59-2  | 110      | 153      | 143      | 136      | 16.74  | cps   |
| Copper     | 63-2  | 26561    | 26625    | 25990    | 26392    | 1.32   | cps   |
| Dysprosium | 156-1 | 8        | 25       | 17       | 17       | 50.01  | cps   |
| Dysprosium | 156-2 | 13       | 17       | 13       | 14       | 13.35  | cps   |
| Erbium     | 164-1 | 100      | 58       | 33       | 64       | 52.72  | cps   |
| Erbium     | 164-2 | 20       | 40       | 40       | 33       | 34.64  | cps   |
| Gadolinium | 160-1 | 125      | 158      | 150      | 144      | 12.01  | cps   |
| Gadolinium | 160-2 | 130      | 160      | 143      | 144      | 10.41  | cps   |
| Holmium    | 165-1 | 17366367 | 16999754 | 17244982 | 17203701 | 1.09   | cps   |
| Holmium    | 165-2 | 8969318  | 9145040  | 9367751  | 9160703  | 2.18   | cps   |
| Indium     | 115-1 | 13480633 | 13377116 | 13372650 | 13410133 | 0.46   | cps   |
| Indium     | 115-2 | 2825483  | 2884432  | 2901884  | 2870600  | 1.39   | cps   |
| Iron       | 56-2  | 19987    | 19441    | 18623    | 19350    | 3.55   | cps   |
| Iron       | 57-2  | 1322     | 1378     | 1328     | 1343     | 2.28   | cps   |
| Lead       | 206-1 | 1822     | 1884     | 1845     | 1850     | 1.67   | cps   |
| Lead       | 207-1 | 1628     | 1583     | 1583     | 1598     | 1.61   | cps   |
| Lead       | 208-1 | 7457     | 7368     | 7401     | 7408     | 0.61   | cps   |
| Lithium    | 6-1   | 1943517  | 1935497  | 1921251  | 1933422  | 0.58   | cps   |
| Magnesium  | 24-2  | 566531   | 562001   | 553062   | 560531   | 1.22   | cps   |
| Manganese  | 55-2  | 2724     | 2874     | 2697     | 2765     | 3.45   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-02-BS-H-W3-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:15:21  | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2484     | 2700     | 2484     | 2556     | 4.90   | cps   |
| Molybdenum | 95-1  | 708      | 658      | 767      | 711      | 7.62   | cps   |
| Molybdenum | 96-1  | 975      | 1183     | 875      | 1011     | 15.56  | cps   |
| Molybdenum | 97-1  | 450      | 508      | 433      | 464      | 8.49   | cps   |
| Molybdenum | 98-1  | 925      | 1033     | 1083     | 1014     | 7.98   | cps   |
| Neodymium  | 150-1 | 20       | 20       | 20       | 20       | 0.00   | cps   |
| Neodymium  | 150-2 | 13       | 0        | 7        | 7        | 99.98  | cps   |
| Nickel     | 60-2  | 630      | 710      | 613      | 651      | 7.94   | cps   |
| Phosphorus | 31-2  | 7377     | 7385     | 6643     | 7135     | 5.97   | cps   |
| Potassium  | 39-2  | 307261   | 308436   | 304616   | 306771   | 0.64   | cps   |
| Rhodium    | 103-1 | 12837301 | 12693030 | 12593965 | 12708098 | 0.96   | cps   |
| Rhodium    | 103-2 | 6129783  | 6193009  | 6240190  | 6187661  | 0.90   | cps   |
| Scandium   | 45-1  | 8726263  | 8690957  | 8646518  | 8687913  | 0.46   | cps   |
| Scandium   | 45-2  | 442563   | 453685   | 464919   | 453722   | 2.46   | cps   |
| Selenium   | 77-2  | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 113      | 109      | 122      | 115      | 5.81   | cps   |
| Selenium   | 82-1  | 10       | 89       | 82       | 60       | 72.11  | cps   |
| Silicon    | 28-1  | 24940680 | 24816104 | 24598991 | 24785258 | 0.70   | cps   |
| Silver     | 109-1 | 2192     | 2350     | 2134     | 2225     | 5.04   | cps   |
| Silver     | 107-1 | 2200     | 2359     | 2325     | 2295     | 3.64   | cps   |
| Sodium     | 23-2  | 9697771  | 9511464  | 9505331  | 9571522  | 1.14   | cps   |
| Strontium  | 86-1  | 41478    | 40759    | 41093    | 41110    | 0.87   | cps   |
| Strontium  | 88-1  | 349840   | 344523   | 344429   | 346264   | 0.89   | cps   |
| Sulfur     | 34-1  | 498513   | 501069   | 493519   | 497700   | 0.77   | cps   |
| Terbium    | 159-1 | 18014049 | 17761406 | 17707110 | 17827522 | 0.92   | cps   |
| Terbium    | 159-2 | 9026329  | 9167764  | 9284317  | 9159470  | 1.41   | cps   |
| Thallium   | 203-1 | 375      | 442      | 375      | 397      | 9.69   | cps   |
| Thallium   | 205-1 | 983      | 1058     | 992      | 1011     | 4.07   | cps   |
| Tin        | 118-1 | 1183     | 1150     | 1150     | 1161     | 1.66   | cps   |
| Titanium   | 47-1  | 3084     | 3384     | 3167     | 3212     | 4.82   | cps   |
| Uranium    | 238-1 | 225      | 100      | 108      | 144      | 48.38  | cps   |
| Vanadium   | 51-2  | 797      | 830      | 763      | 797      | 4.18   | cps   |
| Yttrium    | 89-1  | 13881734 | 13711943 | 13687653 | 13760443 | 0.77   | cps   |
| Yttrium    | 89-2  | 2203550  | 2259761  | 2274037  | 2245783  | 1.66   | cps   |
| Zinc       | 66-2  | 2450     | 2497     | 2587     | 2511     | 2.77   | cps   |
| Zirconium  | 90-1  | 5993     | 6027     | 5726     | 5915     | 2.78   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-02-BS-H-W3-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:15:21  | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1367 | 1192 | 1442 | 1333    | 9.62   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-03-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:18:46   | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2505     | 1458     | 1625     | 1863     | 30.19  | cps   |
| Antimony   | 121-1 | 1325     | 1367     | 1500     | 1397     | 6.54   | cps   |
| Arsenic    | 75-2  | 176      | 198      | 161      | 178      | 10.45  | cps   |
| Barium     | 135-1 | 72857    | 74827    | 72070    | 73252    | 1.94   | cps   |
| Barium     | 137-1 | 126556   | 127774   | 125555   | 126628   | 0.88   | cps   |
| Beryllium  | 9-1   | 44       | 44       | 44       | 44       | 0.00   | cps   |
| Bismuth    | 209-1 | 11345000 | 11281216 | 11432127 | 11352781 | 0.67   | cps   |
| Bismuth    | 209-2 | 7328708  | 7296937  | 7245464  | 7290370  | 0.58   | cps   |
| Boron      | 10-1  | 2534     | 2567     | 2275     | 2459     | 6.49   | cps   |
| Boron      | 11-1  | 12622    | 13023    | 12481    | 12709    | 2.21   | cps   |
| Cadmium    | 111-1 | 2620     | 2605     | 2332     | 2519     | 6.44   | cps   |
| Cadmium    | 106-1 | 3651     | 3667     | 3267     | 3528     | 6.42   | cps   |
| Cadmium    | 108-1 | 21       | 17       | 25       | 21       | 19.99  | cps   |
| Calcium    | 43-1  | 274346   | 273678   | 270790   | 272938   | 0.69   | cps   |
| Calcium    | 44-1  | 4530646  | 4500229  | 4514569  | 4515148  | 0.34   | cps   |
| Chromium   | 52-2  | 1920     | 1850     | 1777     | 1849     | 3.88   | cps   |
| Cobalt     | 59-2  | 233      | 293      | 210      | 246      | 17.51  | cps   |
| Copper     | 63-2  | 1773729  | 1771790  | 1770775  | 1772098  | 0.08   | cps   |
| Dysprosium | 156-1 | 108      | 42       | 75       | 75       | 44.44  | cps   |
| Dysprosium | 156-2 | 23       | 47       | 33       | 34       | 34.00  | cps   |
| Erbium     | 164-1 | 158      | 150      | 150      | 153      | 3.15   | cps   |
| Erbium     | 164-2 | 43       | 43       | 77       | 54       | 35.36  | cps   |
| Gadolinium | 160-1 | 200      | 167      | 167      | 178      | 10.83  | cps   |
| Gadolinium | 160-2 | 220      | 183      | 210      | 204      | 9.27   | cps   |
| Holmium    | 165-1 | 17460352 | 17299445 | 17314969 | 17358255 | 0.51   | cps   |
| Holmium    | 165-2 | 9175151  | 9157575  | 9104688  | 9145805  | 0.40   | cps   |
| Indium     | 115-1 | 13581797 | 13392722 | 13479913 | 13484811 | 0.70   | cps   |
| Indium     | 115-2 | 2890991  | 2890576  | 2874651  | 2885406  | 0.32   | cps   |
| Iron       | 56-2  | 97822    | 114412   | 99919    | 104051   | 8.68   | cps   |
| Iron       | 57-2  | 3145     | 3373     | 3173     | 3230     | 3.85   | cps   |
| Lead       | 206-1 | 4201     | 4518     | 4468     | 4395     | 3.87   | cps   |
| Lead       | 207-1 | 3884     | 4017     | 3867     | 3923     | 2.10   | cps   |
| Lead       | 208-1 | 17716    | 18100    | 17916    | 17911    | 1.07   | cps   |
| Lithium    | 6-1   | 1936809  | 1966194  | 1923400  | 1942134  | 1.13   | cps   |
| Magnesium  | 24-2  | 539229   | 539055   | 543901   | 540728   | 0.51   | cps   |
| Manganese  | 55-2  | 37214    | 36826    | 37200    | 37080    | 0.59   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-03 Instrumnet Name : P7  
 Client Sample ID : DC24741-03-BS-CL107-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:18:46 DataFile Name : 024SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2084     | 1950     | 1917     | 1984     | 4.45   | cps   |
| Molybdenum | 95-1  | 675      | 467      | 450      | 531      | 23.63  | cps   |
| Molybdenum | 96-1  | 775      | 825      | 867      | 822      | 5.58   | cps   |
| Molybdenum | 97-1  | 283      | 500      | 342      | 375      | 29.90  | cps   |
| Molybdenum | 98-1  | 917      | 817      | 883      | 872      | 5.84   | cps   |
| Neodymium  | 150-1 | 73       | 100      | 100      | 91       | 16.89  | cps   |
| Neodymium  | 150-2 | 27       | 23       | 27       | 26       | 7.55   | cps   |
| Nickel     | 60-2  | 8156     | 8296     | 8206     | 8219     | 0.86   | cps   |
| Phosphorus | 31-2  | 7502     | 7285     | 7736     | 7508     | 3.00   | cps   |
| Potassium  | 39-2  | 277415   | 278410   | 275028   | 276951   | 0.63   | cps   |
| Rhodium    | 103-1 | 12753769 | 12632207 | 12624750 | 12670242 | 0.57   | cps   |
| Rhodium    | 103-2 | 6264850  | 6255759  | 6203967  | 6241525  | 0.53   | cps   |
| Scandium   | 45-1  | 8675256  | 8744836  | 8683573  | 8701222  | 0.44   | cps   |
| Scandium   | 45-2  | 453009   | 452310   | 450130   | 451816   | 0.33   | cps   |
| Selenium   | 77-2  | 7        | 7        | 3        | 6        | 34.70  | cps   |
| Selenium   | 78-2  | 119      | 119      | 128      | 122      | 4.40   | cps   |
| Selenium   | 82-1  | -44      | 29       | 76       | 20       | 299.26 | cps   |
| Silicon    | 28-1  | 9435039  | 9491492  | 9509868  | 9478800  | 0.41   | cps   |
| Silver     | 109-1 | 208      | 233      | 167      | 203      | 16.61  | cps   |
| Silver     | 107-1 | 283      | 308      | 275      | 289      | 6.00   | cps   |
| Sodium     | 23-2  | 8678310  | 8758406  | 8697968  | 8711562  | 0.48   | cps   |
| Strontium  | 86-1  | 99645    | 98932    | 100945   | 99841    | 1.02   | cps   |
| Strontium  | 88-1  | 863968   | 861743   | 862306   | 862672   | 0.13   | cps   |
| Sulfur     | 34-1  | 492526   | 492435   | 493094   | 492685   | 0.07   | cps   |
| Terbium    | 159-1 | 17905457 | 17712026 | 17678730 | 17765404 | 0.69   | cps   |
| Terbium    | 159-2 | 9154804  | 9239230  | 9197671  | 9197235  | 0.46   | cps   |
| Thallium   | 203-1 | 308      | 300      | 425      | 344      | 20.29  | cps   |
| Thallium   | 205-1 | 983      | 808      | 900      | 897      | 9.76   | cps   |
| Tin        | 118-1 | 1725     | 1650     | 1792     | 1722     | 4.12   | cps   |
| Titanium   | 47-1  | 875      | 917      | 708      | 833      | 13.23  | cps   |
| Uranium    | 238-1 | 558      | 550      | 517      | 542      | 4.07   | cps   |
| Vanadium   | 51-2  | 227      | 243      | 230      | 233      | 3.78   | cps   |
| Yttrium    | 89-1  | 13891846 | 13773190 | 13914391 | 13859809 | 0.55   | cps   |
| Yttrium    | 89-2  | 2236731  | 2249842  | 2239015  | 2241863  | 0.31   | cps   |
| Zinc       | 66-2  | 26708    | 26832    | 26932    | 26824    | 0.42   | cps   |
| Zirconium  | 90-1  | 4684     | 4468     | 4293     | 4481     | 4.38   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-03-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:18:46   | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 917  | 1133 | 1000 | 1017    | 10.75  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-04 Instrumnet Name : P7  
 Client Sample ID : DC24741-04-BS-CL107-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:22:09 DataFile Name : 025SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 11413    | 12197    | 11830    | 11814    | 3.32   | cps   |
| Antimony   | 121-1 | 1584     | 1492     | 1517     | 1531     | 3.10   | cps   |
| Arsenic    | 75-2  | 170      | 215      | 200      | 195      | 11.60  | cps   |
| Barium     | 135-1 | 68445    | 68126    | 68947    | 68506    | 0.60   | cps   |
| Barium     | 137-1 | 119445   | 120266   | 119353   | 119688   | 0.42   | cps   |
| Beryllium  | 9-1   | 89       | 61       | 33       | 61       | 45.46  | cps   |
| Bismuth    | 209-1 | 11401949 | 10807356 | 10970760 | 11060022 | 2.78   | cps   |
| Bismuth    | 209-2 | 7064296  | 7250799  | 7255523  | 7190206  | 1.52   | cps   |
| Boron      | 10-1  | 2359     | 2384     | 2792     | 2511     | 9.69   | cps   |
| Boron      | 11-1  | 11747    | 11964    | 11997    | 11902    | 1.14   | cps   |
| Cadmium    | 111-1 | 2524     | 2514     | 2660     | 2566     | 3.19   | cps   |
| Cadmium    | 106-1 | 3534     | 3501     | 3659     | 3564     | 2.34   | cps   |
| Cadmium    | 108-1 | 42       | 17       | 25       | 28       | 45.82  | cps   |
| Calcium    | 43-1  | 274802   | 277603   | 270934   | 274446   | 1.22   | cps   |
| Calcium    | 44-1  | 4557675  | 4533755  | 4477666  | 4523032  | 0.91   | cps   |
| Chromium   | 52-2  | 2144     | 2254     | 2247     | 2215     | 2.79   | cps   |
| Cobalt     | 59-2  | 407      | 417      | 413      | 412      | 1.24   | cps   |
| Copper     | 63-2  | 1182400  | 1178213  | 1181358  | 1180657  | 0.18   | cps   |
| Dysprosium | 156-1 | 50       | 58       | 108      | 72       | 43.68  | cps   |
| Dysprosium | 156-2 | 37       | 67       | 47       | 50       | 30.55  | cps   |
| Erbium     | 164-1 | 92       | 183      | 150      | 142      | 32.75  | cps   |
| Erbium     | 164-2 | 60       | 60       | 67       | 62       | 6.19   | cps   |
| Gadolinium | 160-1 | 108      | 208      | 217      | 178      | 33.91  | cps   |
| Gadolinium | 160-2 | 213      | 183      | 210      | 202      | 8.13   | cps   |
| Holmium    | 165-1 | 17309581 | 16675502 | 17027535 | 17004206 | 1.87   | cps   |
| Holmium    | 165-2 | 9039962  | 9111379  | 9100919  | 9084087  | 0.42   | cps   |
| Indium     | 115-1 | 13418557 | 12917907 | 13067147 | 13134537 | 1.96   | cps   |
| Indium     | 115-2 | 2830232  | 2857008  | 2868600  | 2851946  | 0.69   | cps   |
| Iron       | 56-2  | 106222   | 107071   | 105502   | 106265   | 0.74   | cps   |
| Iron       | 57-2  | 3556     | 3289     | 3651     | 3499     | 5.35   | cps   |
| Lead       | 206-1 | 11311    | 10988    | 11528    | 11275    | 2.41   | cps   |
| Lead       | 207-1 | 9809     | 10160    | 10160    | 10043    | 2.01   | cps   |
| Lead       | 208-1 | 44753    | 43818    | 45604    | 44725    | 2.00   | cps   |
| Lithium    | 6-1   | 1938258  | 1877552  | 1904218  | 1906676  | 1.60   | cps   |
| Magnesium  | 24-2  | 544227   | 548372   | 546116   | 546238   | 0.38   | cps   |
| Manganese  | 55-2  | 42057    | 42364    | 41943    | 42121    | 0.52   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-04-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:22:09   | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1500     | 1492     | 1792     | 1595     | 10.72  | cps   |
| Molybdenum | 95-1  | 700      | 458      | 592      | 583      | 20.75  | cps   |
| Molybdenum | 96-1  | 808      | 875      | 783      | 822      | 5.76   | cps   |
| Molybdenum | 97-1  | 267      | 492      | 442      | 400      | 29.54  | cps   |
| Molybdenum | 98-1  | 850      | 767      | 950      | 856      | 10.73  | cps   |
| Neodymium  | 150-1 | 47       | 60       | 67       | 58       | 17.62  | cps   |
| Neodymium  | 150-2 | 57       | 23       | 17       | 32       | 66.51  | cps   |
| Nickel     | 60-2  | 7315     | 7422     | 7282     | 7340     | 1.00   | cps   |
| Phosphorus | 31-2  | 7561     | 7486     | 7577     | 7541     | 0.65   | cps   |
| Potassium  | 39-2  | 277066   | 274076   | 277482   | 276208   | 0.67   | cps   |
| Rhodium    | 103-1 | 12529486 | 12319919 | 12443918 | 12431108 | 0.85   | cps   |
| Rhodium    | 103-2 | 6106407  | 6139357  | 6203374  | 6149713  | 0.80   | cps   |
| Scandium   | 45-1  | 8683456  | 8158507  | 8307866  | 8383276  | 3.23   | cps   |
| Scandium   | 45-2  | 447697   | 449877   | 452708   | 450094   | 0.56   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 122      | 128      | 128      | 126      | 2.55   | cps   |
| Selenium   | 82-1  | 100      | 60       | 29       | 63       | 57.19  | cps   |
| Silicon    | 28-1  | 9561751  | 9677833  | 9363413  | 9534332  | 1.67   | cps   |
| Silver     | 109-1 | 192      | 200      | 283      | 225      | 22.53  | cps   |
| Silver     | 107-1 | 217      | 283      | 317      | 272      | 18.70  | cps   |
| Sodium     | 23-2  | 8633238  | 8633326  | 8656098  | 8640887  | 0.15   | cps   |
| Strontium  | 86-1  | 99695    | 98898    | 96095    | 98229    | 1.92   | cps   |
| Strontium  | 88-1  | 860274   | 855239   | 848076   | 854530   | 0.72   | cps   |
| Sulfur     | 34-1  | 489324   | 494984   | 493249   | 492519   | 0.59   | cps   |
| Terbium    | 159-1 | 17643932 | 17319451 | 17343390 | 17435591 | 1.04   | cps   |
| Terbium    | 159-2 | 9084288  | 9091144  | 9040013  | 9071815  | 0.31   | cps   |
| Thallium   | 203-1 | 400      | 492      | 392      | 428      | 12.97  | cps   |
| Thallium   | 205-1 | 842      | 958      | 850      | 883      | 7.37   | cps   |
| Tin        | 118-1 | 2150     | 2192     | 2217     | 2186     | 1.54   | cps   |
| Titanium   | 47-1  | 1134     | 725      | 867      | 908      | 22.84  | cps   |
| Uranium    | 238-1 | 508      | 508      | 550      | 522      | 4.61   | cps   |
| Vanadium   | 51-2  | 273      | 267      | 257      | 266      | 3.16   | cps   |
| Yttrium    | 89-1  | 13806700 | 13525680 | 13463011 | 13598464 | 1.35   | cps   |
| Yttrium    | 89-2  | 2203969  | 2230053  | 2235449  | 2223157  | 0.76   | cps   |
| Zinc       | 66-2  | 68684    | 69495    | 68651    | 68943    | 0.69   | cps   |
| Zirconium  | 90-1  | 3434     | 3584     | 4392     | 3803     | 13.56  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-04-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:22:09   | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 658  | 708  | 808  | 725     | 10.54  | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-05-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:25:34   | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2042     | 2125     | 2167     | 2111     | 3.01   | cps   |
| Antimony   | 121-1 | 2300     | 2275     | 2159     | 2245     | 3.37   | cps   |
| Arsenic    | 75-2  | 213      | 222      | 159      | 198      | 17.16  | cps   |
| Barium     | 135-1 | 74759    | 73754    | 73478    | 73997    | 0.91   | cps   |
| Barium     | 137-1 | 128221   | 127648   | 126766   | 127545   | 0.57   | cps   |
| Beryllium  | 9-1   | 56       | 39       | 39       | 44       | 21.65  | cps   |
| Bismuth    | 209-1 | 11767532 | 10597329 | 11303652 | 11222838 | 5.25   | cps   |
| Bismuth    | 209-2 | 7135108  | 7218828  | 7287246  | 7213727  | 1.06   | cps   |
| Boron      | 10-1  | 2175     | 2192     | 2467     | 2278     | 7.19   | cps   |
| Boron      | 11-1  | 11563    | 11622    | 11538    | 11574    | 0.37   | cps   |
| Cadmium    | 111-1 | 2585     | 2538     | 2512     | 2545     | 1.47   | cps   |
| Cadmium    | 106-1 | 3651     | 3551     | 3517     | 3573     | 1.94   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 13       | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 275521   | 277115   | 272219   | 274952   | 0.91   | cps   |
| Calcium    | 44-1  | 4518961  | 4522647  | 4523120  | 4521576  | 0.05   | cps   |
| Chromium   | 52-2  | 1827     | 1790     | 1767     | 1795     | 1.69   | cps   |
| Cobalt     | 59-2  | 263      | 283      | 303      | 283      | 7.06   | cps   |
| Copper     | 63-2  | 1850047  | 1846101  | 1859889  | 1852012  | 0.38   | cps   |
| Dysprosium | 156-1 | 117      | 117      | 92       | 108      | 13.32  | cps   |
| Dysprosium | 156-2 | 60       | 90       | 70       | 73       | 20.83  | cps   |
| Erbium     | 164-1 | 142      | 108      | 108      | 119      | 16.11  | cps   |
| Erbium     | 164-2 | 113      | 60       | 100      | 91       | 30.47  | cps   |
| Gadolinium | 160-1 | 308      | 167      | 100      | 192      | 55.51  | cps   |
| Gadolinium | 160-2 | 237      | 160      | 253      | 217      | 22.98  | cps   |
| Holmium    | 165-1 | 17306606 | 16922403 | 17263312 | 17164107 | 1.23   | cps   |
| Holmium    | 165-2 | 9044737  | 9069162  | 9101398  | 9071766  | 0.31   | cps   |
| Indium     | 115-1 | 13650832 | 13068365 | 13412157 | 13377118 | 2.19   | cps   |
| Indium     | 115-2 | 2814849  | 2862834  | 2870447  | 2849377  | 1.06   | cps   |
| Iron       | 56-2  | 166560   | 171814   | 174722   | 171032   | 2.42   | cps   |
| Iron       | 57-2  | 4918     | 5307     | 4895     | 5040     | 4.59   | cps   |
| Lead       | 206-1 | 3967     | 3756     | 4106     | 3943     | 4.47   | cps   |
| Lead       | 207-1 | 3484     | 3423     | 3645     | 3517     | 3.27   | cps   |
| Lead       | 208-1 | 15521    | 15098    | 15665    | 15428    | 1.91   | cps   |
| Lithium    | 6-1   | 1954137  | 1890916  | 1943754  | 1929602  | 1.76   | cps   |
| Magnesium  | 24-2  | 548343   | 542210   | 540778   | 543777   | 0.74   | cps   |
| Manganese  | 55-2  | 63279    | 63875    | 64728    | 63961    | 1.14   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-05 Instrumnet Name : P7  
 Client Sample ID : DC24741-05-BS-CL107-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:25:34 DataFile Name : 026SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 1575     | 1475     | 1550     | 1533     | 3.39    | cps   |
| Molybdenum | 95-1  | 442      | 475      | 542      | 486      | 10.47   | cps   |
| Molybdenum | 96-1  | 958      | 783      | 658      | 800      | 18.84   | cps   |
| Molybdenum | 97-1  | 258      | 492      | 433      | 394      | 30.79   | cps   |
| Molybdenum | 98-1  | 917      | 742      | 875      | 845      | 10.83   | cps   |
| Neodymium  | 150-1 | 120      | 113      | 60       | 98       | 33.63   | cps   |
| Neodymium  | 150-2 | 33       | 27       | 40       | 33       | 20.00   | cps   |
| Nickel     | 60-2  | 1530     | 1587     | 1677     | 1598     | 4.63    | cps   |
| Phosphorus | 31-2  | 7761     | 7319     | 7586     | 7555     | 2.95    | cps   |
| Potassium  | 39-2  | 277950   | 273596   | 276484   | 276010   | 0.80    | cps   |
| Rhodium    | 103-1 | 12810402 | 12372445 | 12587474 | 12590107 | 1.74    | cps   |
| Rhodium    | 103-2 | 6135593  | 6143986  | 6150324  | 6143301  | 0.12    | cps   |
| Scandium   | 45-1  | 8845802  | 8250132  | 8679993  | 8591975  | 3.58    | cps   |
| Scandium   | 45-2  | 437340   | 449199   | 447253   | 444597   | 1.43    | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21  | cps   |
| Selenium   | 78-2  | 113      | 107      | 117      | 112      | 4.15    | cps   |
| Selenium   | 82-1  | 35       | -58      | 26       | 1        | 4495.98 | cps   |
| Silicon    | 28-1  | 9544546  | 9490909  | 9522975  | 9519477  | 0.28    | cps   |
| Silver     | 109-1 | 225      | 158      | 350      | 244      | 39.81   | cps   |
| Silver     | 107-1 | 200      | 267      | 333      | 267      | 25.00   | cps   |
| Sodium     | 23-2  | 8824594  | 8812741  | 8724252  | 8787196  | 0.62    | cps   |
| Strontium  | 86-1  | 98478    | 98402    | 98839    | 98573    | 0.24    | cps   |
| Strontium  | 88-1  | 861460   | 857764   | 854825   | 858016   | 0.39    | cps   |
| Sulfur     | 34-1  | 506070   | 502472   | 497300   | 501947   | 0.88    | cps   |
| Terbium    | 159-1 | 18069957 | 17365914 | 17783157 | 17739676 | 2.00    | cps   |
| Terbium    | 159-2 | 9058237  | 9176210  | 9190177  | 9141541  | 0.79    | cps   |
| Thallium   | 203-1 | 475      | 442      | 450      | 456      | 3.81    | cps   |
| Thallium   | 205-1 | 958      | 1008     | 825      | 931      | 10.18   | cps   |
| Tin        | 118-1 | 3176     | 3317     | 3184     | 3226     | 2.47    | cps   |
| Titanium   | 47-1  | 1192     | 1125     | 1000     | 1106     | 8.80    | cps   |
| Uranium    | 238-1 | 892      | 833      | 792      | 839      | 5.99    | cps   |
| Vanadium   | 51-2  | 213      | 300      | 287      | 267      | 17.50   | cps   |
| Yttrium    | 89-1  | 13935800 | 13489907 | 13637673 | 13687793 | 1.66    | cps   |
| Yttrium    | 89-2  | 2212281  | 2236213  | 2231720  | 2226738  | 0.57    | cps   |
| Zinc       | 66-2  | 22855    | 22648    | 22357    | 22620    | 1.10    | cps   |
| Zirconium  | 90-1  | 3484     | 3509     | 3659     | 3551     | 2.67    | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-05-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:25:34   | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 733  | 742  | 900  | 792     | 11.86  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-06 Instrumnet Name : P7  
 Client Sample ID : DC24741-06-BS-CL107-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:28:57 DataFile Name : 027SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 11447    | 11230    | 10996    | 11224    | 2.01   | cps   |
| Antimony   | 121-1 | 1925     | 1842     | 1709     | 1825     | 5.99   | cps   |
| Arsenic    | 75-2  | 157      | 178      | 194      | 177      | 10.51  | cps   |
| Barium     | 135-1 | 68528    | 69424    | 69038    | 68997    | 0.65   | cps   |
| Barium     | 137-1 | 120074   | 117325   | 118435   | 118611   | 1.17   | cps   |
| Beryllium  | 9-1   | 44       | 72       | 56       | 57       | 24.35  | cps   |
| Bismuth    | 209-1 | 11369081 | 11159041 | 11132972 | 11220365 | 1.15   | cps   |
| Bismuth    | 209-2 | 7227482  | 7214084  | 7181024  | 7207530  | 0.33   | cps   |
| Boron      | 10-1  | 2092     | 1975     | 2209     | 2092     | 5.58   | cps   |
| Boron      | 11-1  | 11330    | 11163    | 11188    | 11227    | 0.80   | cps   |
| Cadmium    | 111-1 | 2673     | 2469     | 2172     | 2438     | 10.32  | cps   |
| Cadmium    | 106-1 | 3767     | 3476     | 3067     | 3437     | 10.23  | cps   |
| Cadmium    | 108-1 | 8        | 8        | 29       | 15       | 78.76  | cps   |
| Calcium    | 43-1  | 271980   | 271857   | 274138   | 272658   | 0.47   | cps   |
| Calcium    | 44-1  | 4494572  | 4501615  | 4493839  | 4496675  | 0.10   | cps   |
| Chromium   | 52-2  | 1840     | 2030     | 1703     | 1858     | 8.83   | cps   |
| Cobalt     | 59-2  | 323      | 313      | 303      | 313      | 3.19   | cps   |
| Copper     | 63-2  | 1791024  | 1787434  | 1785475  | 1787978  | 0.16   | cps   |
| Dysprosium | 156-1 | 133      | 117      | 133      | 128      | 7.53   | cps   |
| Dysprosium | 156-2 | 37       | 43       | 37       | 39       | 9.89   | cps   |
| Erbium     | 164-1 | 125      | 142      | 150      | 139      | 9.16   | cps   |
| Erbium     | 164-2 | 70       | 50       | 73       | 64       | 19.58  | cps   |
| Gadolinium | 160-1 | 158      | 208      | 142      | 169      | 20.48  | cps   |
| Gadolinium | 160-2 | 167      | 210      | 233      | 203      | 16.64  | cps   |
| Holmium    | 165-1 | 17259776 | 17346881 | 17162985 | 17256547 | 0.53   | cps   |
| Holmium    | 165-2 | 9127402  | 9065056  | 9047803  | 9080087  | 0.46   | cps   |
| Indium     | 115-1 | 13349576 | 13413145 | 13191611 | 13318111 | 0.86   | cps   |
| Indium     | 115-2 | 2835284  | 2836217  | 2829476  | 2833659  | 0.13   | cps   |
| Iron       | 56-2  | 123068   | 124162   | 125545   | 124258   | 1.00   | cps   |
| Iron       | 57-2  | 3917     | 4295     | 3634     | 3949     | 8.40   | cps   |
| Lead       | 206-1 | 3417     | 3439     | 3445     | 3434     | 0.43   | cps   |
| Lead       | 207-1 | 2989     | 2962     | 2967     | 2973     | 0.49   | cps   |
| Lead       | 208-1 | 13553    | 13981    | 13342    | 13625    | 2.39   | cps   |
| Lithium    | 6-1   | 1927894  | 1921706  | 1907234  | 1918945  | 0.55   | cps   |
| Magnesium  | 24-2  | 538860   | 544299   | 534331   | 539163   | 0.93   | cps   |
| Manganese  | 55-2  | 47520    | 47921    | 47473    | 47638    | 0.52   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-06-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:28:57   | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1567     | 1442     | 1450     | 1486     | 4.70   | cps   |
| Molybdenum | 95-1  | 425      | 508      | 483      | 472      | 9.06   | cps   |
| Molybdenum | 96-1  | 692      | 633      | 742      | 689      | 7.87   | cps   |
| Molybdenum | 97-1  | 375      | 342      | 417      | 378      | 9.95   | cps   |
| Molybdenum | 98-1  | 742      | 933      | 750      | 808      | 13.40  | cps   |
| Neodymium  | 150-1 | 100      | 133      | 60       | 98       | 37.55  | cps   |
| Neodymium  | 150-2 | 47       | 50       | 33       | 43       | 20.36  | cps   |
| Nickel     | 60-2  | 933      | 980      | 953      | 956      | 2.45   | cps   |
| Phosphorus | 31-2  | 7135     | 7461     | 7786     | 7461     | 4.36   | cps   |
| Potassium  | 39-2  | 272662   | 275530   | 274979   | 274390   | 0.55   | cps   |
| Rhodium    | 103-1 | 12822480 | 12621882 | 12646281 | 12696881 | 0.86   | cps   |
| Rhodium    | 103-2 | 6162526  | 6185488  | 6154691  | 6167568  | 0.26   | cps   |
| Scandium   | 45-1  | 8674923  | 8611187  | 8629760  | 8638623  | 0.38   | cps   |
| Scandium   | 45-2  | 447547   | 446438   | 445553   | 446512   | 0.22   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 117      | 106      | 117      | 113      | 5.68   | cps   |
| Selenium   | 82-1  | 75       | 138      | 35       | 83       | 62.80  | cps   |
| Silicon    | 28-1  | 9397417  | 9339995  | 9314259  | 9350557  | 0.46   | cps   |
| Silver     | 109-1 | 250      | 317      | 233      | 267      | 16.54  | cps   |
| Silver     | 107-1 | 225      | 300      | 242      | 256      | 15.41  | cps   |
| Sodium     | 23-2  | 8621575  | 8710374  | 8559179  | 8630376  | 0.88   | cps   |
| Strontium  | 86-1  | 97354    | 97875    | 96221    | 97150    | 0.87   | cps   |
| Strontium  | 88-1  | 850788   | 849582   | 844269   | 848213   | 0.41   | cps   |
| Sulfur     | 34-1  | 504495   | 506027   | 506090   | 505538   | 0.18   | cps   |
| Terbium    | 159-1 | 17564052 | 17546852 | 17542123 | 17551009 | 0.07   | cps   |
| Terbium    | 159-2 | 9109405  | 9102627  | 9060683  | 9090905  | 0.29   | cps   |
| Thallium   | 203-1 | 292      | 308      | 458      | 353      | 26.02  | cps   |
| Thallium   | 205-1 | 958      | 925      | 750      | 878      | 12.75  | cps   |
| Tin        | 118-1 | 2625     | 2692     | 2659     | 2659     | 1.25   | cps   |
| Titanium   | 47-1  | 1284     | 1075     | 1058     | 1139     | 11.03  | cps   |
| Uranium    | 238-1 | 625      | 700      | 683      | 669      | 5.88   | cps   |
| Vanadium   | 51-2  | 273      | 200      | 253      | 242      | 15.65  | cps   |
| Yttrium    | 89-1  | 13662021 | 13698480 | 13588604 | 13649701 | 0.41   | cps   |
| Yttrium    | 89-2  | 2220432  | 2214174  | 2198939  | 2211182  | 0.50   | cps   |
| Zinc       | 66-2  | 11415    | 11625    | 11681    | 11574    | 1.21   | cps   |
| Zirconium  | 90-1  | 3251     | 3151     | 3159     | 3187     | 1.74   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-06-BS-CL107-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:28:57   | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 725  | 758  | 667  | 717     | 6.47   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV66               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV66               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:32:20 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 917      | 833      | 1075     | 942      | 13.04  | cps   |
| Antimony   | 121-1 | 508      | 500      | 492      | 500      | 1.67   | cps   |
| Arsenic    | 75-2  | 20       | 11       | 15       | 15       | 30.21  | cps   |
| Barium     | 135-1 | 42       | 58       | 33       | 44       | 28.64  | cps   |
| Barium     | 137-1 | 83       | 75       | 75       | 78       | 6.19   | cps   |
| Beryllium  | 9-1   | 44       | 89       | 56       | 63       | 36.73  | cps   |
| Bismuth    | 209-1 | 10865544 | 10710214 | 10790708 | 10788822 | 0.72   | cps   |
| Bismuth    | 209-2 | 6979887  | 6884771  | 6829621  | 6898093  | 1.10   | cps   |
| Boron      | 10-1  | 883      | 975      | 775      | 878      | 11.41  | cps   |
| Boron      | 11-1  | 4784     | 4518     | 4634     | 4645     | 2.88   | cps   |
| Cadmium    | 111-1 | 2312     | 2241     | 2269     | 2274     | 1.58   | cps   |
| Cadmium    | 106-1 | 3292     | 3201     | 3234     | 3242     | 1.43   | cps   |
| Cadmium    | 108-1 | 13       | 17       | 4        | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 575      | 567      | 442      | 528      | 14.15  | cps   |
| Calcium    | 44-1  | 19597    | 19731    | 20231    | 19853    | 1.68   | cps   |
| Chromium   | 52-2  | 1870     | 1910     | 2010     | 1930     | 3.74   | cps   |
| Cobalt     | 59-2  | 127      | 117      | 187      | 143      | 26.41  | cps   |
| Copper     | 63-2  | 1640     | 1560     | 1563     | 1588     | 2.85   | cps   |
| Dysprosium | 156-1 | 25       | 17       | 25       | 22       | 21.64  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 33       | 42       | 58       | 44       | 28.65  | cps   |
| Erbium     | 164-2 | 33       | 20       | 33       | 29       | 26.64  | cps   |
| Gadolinium | 160-1 | 125      | 100      | 142      | 122      | 17.16  | cps   |
| Gadolinium | 160-2 | 147      | 150      | 173      | 157      | 9.28   | cps   |
| Holmium    | 165-1 | 16274989 | 16241259 | 16204352 | 16240200 | 0.22   | cps   |
| Holmium    | 165-2 | 8709641  | 8730871  | 8689506  | 8710006  | 0.24   | cps   |
| Indium     | 115-1 | 12714931 | 12584897 | 12661512 | 12653780 | 0.52   | cps   |
| Indium     | 115-2 | 2735175  | 2714172  | 2716628  | 2721991  | 0.42   | cps   |
| Iron       | 56-2  | 9392     | 8936     | 9064     | 9131     | 2.58   | cps   |
| Iron       | 57-2  | 411      | 422      | 367      | 400      | 7.35   | cps   |
| Lead       | 206-1 | 7445380  | 7355769  | 7380635  | 7393928  | 0.63   | cps   |
| Lead       | 207-1 | 6565070  | 6564555  | 6480561  | 6536728  | 0.74   | cps   |
| Lead       | 208-1 | 29919842 | 29818956 | 29528545 | 29755781 | 0.68   | cps   |
| Lithium    | 6-1   | 1805923  | 1800307  | 1805318  | 1803849  | 0.17   | cps   |
| Magnesium  | 24-2  | 475      | 508      | 458      | 481      | 5.30   | cps   |
| Manganese  | 55-2  | 93       | 93       | 113      | 100      | 11.55  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV66               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV66               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:32:20 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 492      | 558      | 617      | 556      | 11.26  | cps   |
| Molybdenum | 95-1  | 267      | 350      | 308      | 308      | 13.51  | cps   |
| Molybdenum | 96-1  | 433      | 475      | 350      | 419      | 15.17  | cps   |
| Molybdenum | 97-1  | 292      | 275      | 417      | 328      | 23.63  | cps   |
| Molybdenum | 98-1  | 533      | 500      | 483      | 506      | 5.04   | cps   |
| Neodymium  | 150-1 | 20       | 0        | 20       | 13       | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 90       | 120      | 110      | 107      | 14.32  | cps   |
| Phosphorus | 31-2  | 342      | 267      | 283      | 297      | 13.25  | cps   |
| Potassium  | 39-2  | 45906    | 46240    | 43766    | 45304    | 2.96   | cps   |
| Rhodium    | 103-1 | 12088263 | 11855619 | 11936199 | 11960027 | 0.99   | cps   |
| Rhodium    | 103-2 | 5925454  | 5958414  | 5922689  | 5935519  | 0.33   | cps   |
| Scandium   | 45-1  | 8298642  | 8073567  | 8092898  | 8155035  | 1.53   | cps   |
| Scandium   | 45-2  | 432638   | 432028   | 422845   | 429170   | 1.28   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 91       | 113      | 115      | 106      | 12.62  | cps   |
| Selenium   | 82-1  | 4        | 57       | 89       | 50       | 86.57  | cps   |
| Silicon    | 28-1  | 596167   | 594618   | 593265   | 594683   | 0.24   | cps   |
| Silver     | 109-1 | 125      | 150      | 150      | 142      | 10.19  | cps   |
| Silver     | 107-1 | 225      | 283      | 208      | 239      | 16.49  | cps   |
| Sodium     | 23-2  | 47785    | 48262    | 48345    | 48131    | 0.63   | cps   |
| Strontium  | 86-1  | 1684     | 1483     | 1759     | 1642     | 8.66   | cps   |
| Strontium  | 88-1  | 758      | 775      | 725      | 753      | 3.38   | cps   |
| Sulfur     | 34-1  | 409406   | 401665   | 405126   | 405399   | 0.96   | cps   |
| Terbium    | 159-1 | 16745076 | 16634254 | 16693399 | 16690910 | 0.33   | cps   |
| Terbium    | 159-2 | 8810358  | 8623694  | 8680392  | 8704815  | 1.10   | cps   |
| Thallium   | 203-1 | 500      | 375      | 492      | 456      | 15.34  | cps   |
| Thallium   | 205-1 | 1067     | 975      | 1033     | 1025     | 4.53   | cps   |
| Tin        | 118-1 | 1583     | 1492     | 1575     | 1550     | 3.27   | cps   |
| Titanium   | 47-1  | 192      | 283      | 308      | 261      | 23.52  | cps   |
| Uranium    | 238-1 | 342      | 408      | 250      | 333      | 23.85  | cps   |
| Vanadium   | 51-2  | 17       | 57       | 30       | 34       | 59.13  | cps   |
| Yttrium    | 89-1  | 12968736 | 12869461 | 12878916 | 12905704 | 0.42   | cps   |
| Yttrium    | 89-2  | 2129777  | 2111303  | 2108242  | 2116441  | 0.55   | cps   |
| Zinc       | 66-2  | 373      | 437      | 390      | 400      | 8.21   | cps   |
| Zirconium  | 90-1  | 858      | 1067     | 892      | 939      | 11.92  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV66               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV66               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:32:20 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 250  | 233  | 233     | 7.14   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB66               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB66               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:35:44 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 400      | 383      | 483      | 422      | 12.69  | cps   |
| Antimony   | 121-1 | 458      | 458      | 525      | 481      | 8.01   | cps   |
| Arsenic    | 75-2  | 17       | 6        | 13       | 12       | 48.22  | cps   |
| Barium     | 135-1 | 58       | 67       | 25       | 50       | 44.10  | cps   |
| Barium     | 137-1 | 83       | 92       | 17       | 64       | 64.34  | cps   |
| Beryllium  | 9-1   | 50       | 28       | 39       | 39       | 28.57  | cps   |
| Bismuth    | 209-1 | 10721933 | 10697908 | 10671498 | 10697113 | 0.24   | cps   |
| Bismuth    | 209-2 | 6906389  | 6905566  | 6942455  | 6918137  | 0.30   | cps   |
| Boron      | 10-1  | 733      | 817      | 867      | 806      | 8.36   | cps   |
| Boron      | 11-1  | 4059     | 3726     | 3576     | 3787     | 6.54   | cps   |
| Cadmium    | 111-1 | 2360     | 2247     | 2380     | 2329     | 3.07   | cps   |
| Cadmium    | 106-1 | 3359     | 3226     | 3392     | 3326     | 2.65   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 4        | 14       | 62.43  | cps   |
| Calcium    | 43-1  | 333      | 533      | 342      | 403      | 28.09  | cps   |
| Calcium    | 44-1  | 17870    | 17528    | 17011    | 17469    | 2.48   | cps   |
| Chromium   | 52-2  | 1867     | 1733     | 1773     | 1791     | 3.82   | cps   |
| Cobalt     | 59-2  | 123      | 100      | 140      | 121      | 16.59  | cps   |
| Copper     | 63-2  | 1443     | 1403     | 1433     | 1427     | 1.46   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 17       | 13       | 3        | 11       | 62.48  | cps   |
| Erbium     | 164-1 | 50       | 50       | 58       | 53       | 9.12   | cps   |
| Erbium     | 164-2 | 17       | 33       | 10       | 20       | 60.08  | cps   |
| Gadolinium | 160-1 | 133      | 108      | 117      | 119      | 10.66  | cps   |
| Gadolinium | 160-2 | 137      | 137      | 147      | 140      | 4.12   | cps   |
| Holmium    | 165-1 | 15996199 | 16312098 | 16122759 | 16143685 | 0.98   | cps   |
| Holmium    | 165-2 | 8624250  | 8715623  | 8708610  | 8682828  | 0.59   | cps   |
| Indium     | 115-1 | 12419118 | 12539804 | 12722755 | 12560559 | 1.22   | cps   |
| Indium     | 115-2 | 2735012  | 2740243  | 2755209  | 2743488  | 0.38   | cps   |
| Iron       | 56-2  | 6563     | 6596     | 6201     | 6453     | 3.39   | cps   |
| Iron       | 57-2  | 289      | 389      | 367      | 348      | 15.08  | cps   |
| Lead       | 206-1 | 1567     | 1383     | 1400     | 1450     | 6.99   | cps   |
| Lead       | 207-1 | 1433     | 1317     | 1261     | 1337     | 6.58   | cps   |
| Lead       | 208-1 | 6306     | 5801     | 5940     | 6016     | 4.34   | cps   |
| Lithium    | 6-1   | 1792318  | 1815216  | 1815475  | 1807670  | 0.74   | cps   |
| Magnesium  | 24-2  | 542      | 475      | 542      | 519      | 7.41   | cps   |
| Manganese  | 55-2  | 60       | 73       | 60       | 64       | 11.95  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB66               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB66               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:35:44 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 383      | 325      | 483      | 397      | 20.16  | cps   |
| Molybdenum | 95-1  | 150      | 200      | 175      | 175      | 14.28  | cps   |
| Molybdenum | 96-1  | 292      | 300      | 283      | 292      | 2.86   | cps   |
| Molybdenum | 97-1  | 208      | 233      | 242      | 228      | 7.62   | cps   |
| Molybdenum | 98-1  | 342      | 317      | 358      | 339      | 6.19   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 53       | 107      | 93       | 84       | 32.87  | cps   |
| Phosphorus | 31-2  | 317      | 383      | 325      | 342      | 10.63  | cps   |
| Potassium  | 39-2  | 44869    | 44936    | 44509    | 44771    | 0.51   | cps   |
| Rhodium    | 103-1 | 11973222 | 11930149 | 11847280 | 11916884 | 0.54   | cps   |
| Rhodium    | 103-2 | 5939801  | 5973707  | 6031975  | 5981828  | 0.78   | cps   |
| Scandium   | 45-1  | 8096028  | 8176322  | 8168822  | 8147057  | 0.54   | cps   |
| Scandium   | 45-2  | 425197   | 430860   | 428910   | 428322   | 0.67   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 137      | 111      | 135      | 128      | 11.32  | cps   |
| Selenium   | 82-1  | 32       | 21       | -10      | 15       | 147.18 | cps   |
| Silicon    | 28-1  | 590654   | 594008   | 593305   | 592655   | 0.30   | cps   |
| Silver     | 109-1 | 117      | 125      | 117      | 119      | 4.03   | cps   |
| Silver     | 107-1 | 225      | 108      | 192      | 175      | 34.34  | cps   |
| Sodium     | 23-2  | 44676    | 44960    | 46097    | 45244    | 1.66   | cps   |
| Strontium  | 86-1  | 1517     | 1692     | 1558     | 1589     | 5.75   | cps   |
| Strontium  | 88-1  | 1450     | 1542     | 1700     | 1564     | 8.09   | cps   |
| Sulfur     | 34-1  | 404118   | 400378   | 403104   | 402533   | 0.48   | cps   |
| Terbium    | 159-1 | 16541791 | 16752942 | 16767402 | 16687378 | 0.76   | cps   |
| Terbium    | 159-2 | 8674882  | 8632051  | 8701803  | 8669579  | 0.41   | cps   |
| Thallium   | 203-1 | 275      | 342      | 308      | 308      | 10.81  | cps   |
| Thallium   | 205-1 | 842      | 658      | 817      | 772      | 12.87  | cps   |
| Tin        | 118-1 | 1784     | 1934     | 1992     | 1903     | 5.65   | cps   |
| Titanium   | 47-1  | 200      | 192      | 150      | 181      | 14.84  | cps   |
| Uranium    | 238-1 | 67       | 83       | 92       | 81       | 15.80  | cps   |
| Vanadium   | 51-2  | 10       | 10       | 13       | 11       | 17.30  | cps   |
| Yttrium    | 89-1  | 12810369 | 12904411 | 12930288 | 12881689 | 0.49   | cps   |
| Yttrium    | 89-2  | 2118972  | 2142231  | 2145740  | 2135648  | 0.68   | cps   |
| Zinc       | 66-2  | 120      | 160      | 153      | 144      | 14.84  | cps   |
| Zirconium  | 90-1  | 808      | 842      | 850      | 833      | 2.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB66               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB66               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:35:44 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 117  | 175  | 156     | 21.65  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-07-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:39:09   | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 21007    | 21717    | 20448    | 21057    | 3.02   | cps   |
| Antimony   | 121-1 | 2234     | 2125     | 1842     | 2067     | 9.79   | cps   |
| Arsenic    | 75-2  | 154      | 193      | 174      | 173      | 11.21  | cps   |
| Barium     | 135-1 | 67147    | 65772    | 66066    | 66328    | 1.09   | cps   |
| Barium     | 137-1 | 115033   | 116888   | 114108   | 115343   | 1.23   | cps   |
| Beryllium  | 9-1   | 22       | 50       | 33       | 35       | 39.74  | cps   |
| Bismuth    | 209-1 | 11556052 | 11750991 | 11368330 | 11558458 | 1.66   | cps   |
| Bismuth    | 209-2 | 7324963  | 7371411  | 7297933  | 7331436  | 0.51   | cps   |
| Boron      | 10-1  | 2075     | 2084     | 2242     | 2134     | 4.40   | cps   |
| Boron      | 11-1  | 10379    | 10454    | 9962     | 10265    | 2.58   | cps   |
| Cadmium    | 111-1 | 2646     | 2431     | 2482     | 2520     | 4.46   | cps   |
| Cadmium    | 106-1 | 3676     | 3442     | 3501     | 3539     | 3.43   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 21       | 15       | 41.67  | cps   |
| Calcium    | 43-1  | 278839   | 282109   | 272484   | 277811   | 1.76   | cps   |
| Calcium    | 44-1  | 4601320  | 4594950  | 4592841  | 4596370  | 0.10   | cps   |
| Chromium   | 52-2  | 1933     | 1820     | 1813     | 1856     | 3.63   | cps   |
| Cobalt     | 59-2  | 473      | 400      | 383      | 419      | 11.43  | cps   |
| Copper     | 63-2  | 1011578  | 1008548  | 1005495  | 1008540  | 0.30   | cps   |
| Dysprosium | 156-1 | 117      | 75       | 75       | 89       | 27.07  | cps   |
| Dysprosium | 156-2 | 40       | 33       | 37       | 37       | 9.10   | cps   |
| Erbium     | 164-1 | 133      | 92       | 83       | 103      | 26.06  | cps   |
| Erbium     | 164-2 | 67       | 77       | 70       | 71       | 7.16   | cps   |
| Gadolinium | 160-1 | 275      | 183      | 175      | 211      | 26.28  | cps   |
| Gadolinium | 160-2 | 163      | 163      | 210      | 179      | 15.06  | cps   |
| Holmium    | 165-1 | 17673534 | 17511291 | 17401142 | 17528655 | 0.78   | cps   |
| Holmium    | 165-2 | 9181960  | 9292975  | 9239583  | 9238173  | 0.60   | cps   |
| Indium     | 115-1 | 13689891 | 13756018 | 13490603 | 13645504 | 1.01   | cps   |
| Indium     | 115-2 | 2911017  | 2885061  | 2897354  | 2897811  | 0.45   | cps   |
| Iron       | 56-2  | 102719   | 102808   | 99760    | 101762   | 1.70   | cps   |
| Iron       | 57-2  | 3406     | 3445     | 3367     | 3406     | 1.14   | cps   |
| Lead       | 206-1 | 5385     | 5196     | 5218     | 5266     | 1.96   | cps   |
| Lead       | 207-1 | 4195     | 4290     | 4512     | 4332     | 3.75   | cps   |
| Lead       | 208-1 | 20524    | 20362    | 20757    | 20548    | 0.97   | cps   |
| Lithium    | 6-1   | 1968337  | 1958142  | 1933187  | 1953222  | 0.93   | cps   |
| Magnesium  | 24-2  | 552537   | 551914   | 555581   | 553344   | 0.35   | cps   |
| Manganese  | 55-2  | 41362    | 42568    | 41365    | 41765    | 1.67   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-07-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:39:09   | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1442     | 1333     | 1475     | 1417     | 5.23   | cps   |
| Molybdenum | 95-1  | 375      | 383      | 342      | 367      | 6.01   | cps   |
| Molybdenum | 96-1  | 642      | 708      | 667      | 672      | 5.01   | cps   |
| Molybdenum | 97-1  | 342      | 342      | 292      | 325      | 8.88   | cps   |
| Molybdenum | 98-1  | 617      | 600      | 717      | 644      | 9.79   | cps   |
| Neodymium  | 150-1 | 80       | 40       | 53       | 58       | 35.25  | cps   |
| Neodymium  | 150-2 | 33       | 23       | 53       | 37       | 41.66  | cps   |
| Nickel     | 60-2  | 1677     | 1613     | 1693     | 1661     | 2.54   | cps   |
| Phosphorus | 31-2  | 7736     | 7744     | 7661     | 7713     | 0.59   | cps   |
| Potassium  | 39-2  | 291709   | 296093   | 294536   | 294113   | 0.76   | cps   |
| Rhodium    | 103-1 | 12954147 | 13007713 | 12656920 | 12872927 | 1.47   | cps   |
| Rhodium    | 103-2 | 6274092  | 6221346  | 6293157  | 6262865  | 0.59   | cps   |
| Scandium   | 45-1  | 8714034  | 8839150  | 8574216  | 8709133  | 1.52   | cps   |
| Scandium   | 45-2  | 455953   | 458168   | 454043   | 456055   | 0.45   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 124      | 117      | 109      | 117      | 6.35   | cps   |
| Selenium   | 82-1  | 108      | 80       | -21      | 55       | 122.65 | cps   |
| Silicon    | 28-1  | 9760094  | 9778544  | 9623735  | 9720791  | 0.87   | cps   |
| Silver     | 109-1 | 150      | 200      | 225      | 192      | 19.92  | cps   |
| Silver     | 107-1 | 183      | 183      | 267      | 211      | 22.79  | cps   |
| Sodium     | 23-2  | 8821804  | 8730031  | 8747775  | 8766537  | 0.56   | cps   |
| Strontium  | 86-1  | 99510    | 99226    | 97631    | 98789    | 1.03   | cps   |
| Strontium  | 88-1  | 875309   | 867367   | 860538   | 867738   | 0.85   | cps   |
| Sulfur     | 34-1  | 519200   | 523353   | 516019   | 519524   | 0.71   | cps   |
| Terbium    | 159-1 | 18147728 | 18250012 | 17784107 | 18060616 | 1.36   | cps   |
| Terbium    | 159-2 | 9325665  | 9155250  | 9183253  | 9221389  | 0.99   | cps   |
| Thallium   | 203-1 | 317      | 367      | 492      | 392      | 23.01  | cps   |
| Thallium   | 205-1 | 742      | 1008     | 883      | 878      | 15.20  | cps   |
| Tin        | 118-1 | 2650     | 2625     | 2734     | 2670     | 2.12   | cps   |
| Titanium   | 47-1  | 825      | 1017     | 1133     | 992      | 15.70  | cps   |
| Uranium    | 238-1 | 683      | 642      | 600      | 642      | 6.49   | cps   |
| Vanadium   | 51-2  | 277      | 337      | 337      | 317      | 10.94  | cps   |
| Yttrium    | 89-1  | 14164047 | 14095049 | 13915263 | 14058120 | 0.91   | cps   |
| Yttrium    | 89-2  | 2260236  | 2238916  | 2246100  | 2248417  | 0.48   | cps   |
| Zinc       | 66-2  | 33726    | 33365    | 33101    | 33397    | 0.94   | cps   |
| Zirconium  | 90-1  | 3676     | 3342     | 3059     | 3359     | 9.19   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-07-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:39:09   | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 850  | 608  | 642  | 700     | 18.71  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-08-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:42:33   | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 19013    | 18637    | 18429    | 18693    | 1.58   | cps   |
| Antimony   | 121-1 | 1150     | 842      | 1108     | 1033     | 16.19  | cps   |
| Arsenic    | 75-2  | 194      | 204      | 209      | 202      | 3.70   | cps   |
| Barium     | 135-1 | 64776    | 63036    | 63144    | 63652    | 1.53   | cps   |
| Barium     | 137-1 | 108874   | 108270   | 110017   | 109054   | 0.81   | cps   |
| Beryllium  | 9-1   | 56       | 33       | 61       | 50       | 29.40  | cps   |
| Bismuth    | 209-1 | 11527315 | 11508059 | 11397877 | 11477750 | 0.61   | cps   |
| Bismuth    | 209-2 | 7256855  | 7300583  | 7303523  | 7286987  | 0.36   | cps   |
| Boron      | 10-1  | 2025     | 1942     | 2117     | 2028     | 4.32   | cps   |
| Boron      | 11-1  | 10187    | 10412    | 10462    | 10354    | 1.42   | cps   |
| Cadmium    | 111-1 | 2421     | 2683     | 2338     | 2481     | 7.26   | cps   |
| Cadmium    | 106-1 | 3426     | 3792     | 3326     | 3514     | 6.99   | cps   |
| Cadmium    | 108-1 | 21       | 13       | 21       | 18       | 26.64  | cps   |
| Calcium    | 43-1  | 277660   | 272524   | 272533   | 274239   | 1.08   | cps   |
| Calcium    | 44-1  | 4598266  | 4561681  | 4528959  | 4562969  | 0.76   | cps   |
| Chromium   | 52-2  | 1917     | 1727     | 1957     | 1867     | 6.58   | cps   |
| Cobalt     | 59-2  | 413      | 360      | 407      | 393      | 7.39   | cps   |
| Copper     | 63-2  | 1351397  | 1346684  | 1336110  | 1344731  | 0.58   | cps   |
| Dysprosium | 156-1 | 75       | 83       | 83       | 81       | 5.98   | cps   |
| Dysprosium | 156-2 | 53       | 43       | 83       | 60       | 34.70  | cps   |
| Erbium     | 164-1 | 75       | 142      | 183      | 133      | 40.99  | cps   |
| Erbium     | 164-2 | 80       | 87       | 67       | 78       | 13.09  | cps   |
| Gadolinium | 160-1 | 233      | 150      | 150      | 178      | 27.06  | cps   |
| Gadolinium | 160-2 | 130      | 157      | 187      | 158      | 17.97  | cps   |
| Holmium    | 165-1 | 17066665 | 17547772 | 17427453 | 17347297 | 1.44   | cps   |
| Holmium    | 165-2 | 9169860  | 9107690  | 9139679  | 9139076  | 0.34   | cps   |
| Indium     | 115-1 | 13532500 | 13512635 | 13335375 | 13460170 | 0.81   | cps   |
| Indium     | 115-2 | 2879666  | 2899606  | 2849714  | 2876329  | 0.87   | cps   |
| Iron       | 56-2  | 99489    | 101133   | 106784   | 102469   | 3.73   | cps   |
| Iron       | 57-2  | 3206     | 3412     | 3228     | 3282     | 3.44   | cps   |
| Lead       | 206-1 | 4051     | 3795     | 3790     | 3878     | 3.85   | cps   |
| Lead       | 207-1 | 3534     | 3534     | 3223     | 3430     | 5.24   | cps   |
| Lead       | 208-1 | 15626    | 15704    | 15143    | 15491    | 1.96   | cps   |
| Lithium    | 6-1   | 1949906  | 1970380  | 1918877  | 1946388  | 1.33   | cps   |
| Magnesium  | 24-2  | 558577   | 554923   | 551017   | 554839   | 0.68   | cps   |
| Manganese  | 55-2  | 39166    | 39252    | 39129    | 39182    | 0.16   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-08-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:42:33   | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1325     | 1192     | 1167     | 1228     | 6.93   | cps   |
| Molybdenum | 95-1  | 458      | 333      | 358      | 383      | 17.26  | cps   |
| Molybdenum | 96-1  | 658      | 583      | 608      | 617      | 6.19   | cps   |
| Molybdenum | 97-1  | 292      | 317      | 408      | 339      | 18.13  | cps   |
| Molybdenum | 98-1  | 533      | 667      | 533      | 578      | 13.32  | cps   |
| Neodymium  | 150-1 | 53       | 40       | 33       | 42       | 24.13  | cps   |
| Neodymium  | 150-2 | 27       | 30       | 50       | 36       | 35.49  | cps   |
| Nickel     | 60-2  | 973      | 1017     | 1027     | 1006     | 2.82   | cps   |
| Phosphorus | 31-2  | 7452     | 6894     | 7194     | 7180     | 3.89   | cps   |
| Potassium  | 39-2  | 280165   | 276894   | 276210   | 277756   | 0.76   | cps   |
| Rhodium    | 103-1 | 12678420 | 12757540 | 12805508 | 12747156 | 0.50   | cps   |
| Rhodium    | 103-2 | 6280099  | 6216170  | 6262948  | 6253073  | 0.53   | cps   |
| Scandium   | 45-1  | 8630501  | 8700656  | 8750780  | 8693979  | 0.69   | cps   |
| Scandium   | 45-2  | 452750   | 447662   | 447313   | 449242   | 0.68   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 106      | 89       | 130      | 108      | 18.96  | cps   |
| Selenium   | 82-1  | 87       | 79       | 78       | 81       | 5.60   | cps   |
| Silicon    | 28-1  | 9676637  | 9495325  | 9322441  | 9498134  | 1.86   | cps   |
| Silver     | 109-1 | 192      | 200      | 150      | 181      | 14.84  | cps   |
| Silver     | 107-1 | 283      | 200      | 158      | 214      | 29.76  | cps   |
| Sodium     | 23-2  | 8850746  | 8796308  | 8758915  | 8801989  | 0.52   | cps   |
| Strontium  | 86-1  | 97908    | 98000    | 96926    | 97611    | 0.61   | cps   |
| Strontium  | 88-1  | 855053   | 848394   | 844590   | 849346   | 0.62   | cps   |
| Sulfur     | 34-1  | 518965   | 513018   | 509889   | 513957   | 0.90   | cps   |
| Terbium    | 159-1 | 17787001 | 18001632 | 17593514 | 17794049 | 1.15   | cps   |
| Terbium    | 159-2 | 9208430  | 9218667  | 9175493  | 9200863  | 0.25   | cps   |
| Thallium   | 203-1 | 250      | 283      | 350      | 294      | 17.29  | cps   |
| Thallium   | 205-1 | 842      | 925      | 808      | 858      | 7.00   | cps   |
| Tin        | 118-1 | 1859     | 2075     | 1900     | 1945     | 5.91   | cps   |
| Titanium   | 47-1  | 800      | 983      | 783      | 856      | 12.97  | cps   |
| Uranium    | 238-1 | 550      | 683      | 600      | 611      | 11.02  | cps   |
| Vanadium   | 51-2  | 277      | 313      | 347      | 312      | 11.22  | cps   |
| Yttrium    | 89-1  | 13842179 | 13825395 | 13775875 | 13814483 | 0.25   | cps   |
| Yttrium    | 89-2  | 2248405  | 2236726  | 2233016  | 2239382  | 0.36   | cps   |
| Zinc       | 66-2  | 14264    | 14194    | 14087    | 14182    | 0.63   | cps   |
| Zirconium  | 90-1  | 2667     | 2884     | 2467     | 2673     | 7.80   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-08-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:42:33   | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 575  | 550  | 608  | 578     | 5.07   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-09 Instrumnet Name : P7  
 Client Sample ID : DC24741-09-BS-CL111-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:45:56 DataFile Name : 032SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 18288    | 18312    | 18154    | 18251    | 0.47   | cps   |
| Antimony   | 121-1 | 1375     | 1258     | 1175     | 1270     | 7.91   | cps   |
| Arsenic    | 75-2  | 185      | 198      | 204      | 196      | 4.86   | cps   |
| Barium     | 135-1 | 71384    | 70949    | 69608    | 70647    | 1.31   | cps   |
| Barium     | 137-1 | 123437   | 122587   | 121798   | 122608   | 0.67   | cps   |
| Beryllium  | 9-1   | 72       | 72       | 39       | 61       | 31.49  | cps   |
| Bismuth    | 209-1 | 11474082 | 11539570 | 11388873 | 11467508 | 0.66   | cps   |
| Bismuth    | 209-2 | 7223516  | 7197274  | 7194027  | 7204939  | 0.22   | cps   |
| Boron      | 10-1  | 2009     | 2142     | 1959     | 2036     | 4.65   | cps   |
| Boron      | 11-1  | 10095    | 10421    | 10287    | 10268    | 1.59   | cps   |
| Cadmium    | 111-1 | 2233     | 2540     | 2602     | 2458     | 8.05   | cps   |
| Cadmium    | 106-1 | 3125     | 3501     | 3542     | 3389     | 6.77   | cps   |
| Cadmium    | 108-1 | 25       | 50       | 33       | 36       | 35.25  | cps   |
| Calcium    | 43-1  | 283944   | 277379   | 275543   | 278955   | 1.58   | cps   |
| Calcium    | 44-1  | 4648174  | 4638705  | 4606449  | 4631109  | 0.47   | cps   |
| Chromium   | 52-2  | 2540     | 2547     | 2514     | 2534     | 0.70   | cps   |
| Cobalt     | 59-2  | 503      | 503      | 523      | 510      | 2.26   | cps   |
| Copper     | 63-2  | 726728   | 725879   | 723091   | 725232   | 0.26   | cps   |
| Dysprosium | 156-1 | 67       | 75       | 58       | 67       | 12.49  | cps   |
| Dysprosium | 156-2 | 67       | 33       | 80       | 60       | 40.07  | cps   |
| Erbium     | 164-1 | 158      | 158      | 142      | 153      | 6.30   | cps   |
| Erbium     | 164-2 | 63       | 43       | 63       | 57       | 20.38  | cps   |
| Gadolinium | 160-1 | 225      | 233      | 175      | 211      | 14.94  | cps   |
| Gadolinium | 160-2 | 170      | 187      | 207      | 188      | 9.78   | cps   |
| Holmium    | 165-1 | 17567258 | 17527364 | 17259563 | 17451395 | 0.96   | cps   |
| Holmium    | 165-2 | 9128752  | 9147891  | 9157851  | 9144831  | 0.16   | cps   |
| Indium     | 115-1 | 13590976 | 13455422 | 13333329 | 13459909 | 0.96   | cps   |
| Indium     | 115-2 | 2835646  | 2848484  | 2853255  | 2845795  | 0.32   | cps   |
| Iron       | 56-2  | 110870   | 104035   | 111786   | 108897   | 3.89   | cps   |
| Iron       | 57-2  | 3389     | 3345     | 3595     | 3443     | 3.88   | cps   |
| Lead       | 206-1 | 11010    | 11639    | 12123    | 11591    | 4.81   | cps   |
| Lead       | 207-1 | 9854     | 9231     | 9921     | 9669     | 3.93   | cps   |
| Lead       | 208-1 | 45126    | 44898    | 45737    | 45254    | 0.96   | cps   |
| Lithium    | 6-1   | 1973057  | 1949325  | 1938023  | 1953468  | 0.92   | cps   |
| Magnesium  | 24-2  | 543575   | 548881   | 548862   | 547106   | 0.56   | cps   |
| Manganese  | 55-2  | 43438    | 43317    | 44337    | 43697    | 1.28   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-09-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:45:56   | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1333     | 1217     | 1242     | 1264     | 4.86   | cps   |
| Molybdenum | 95-1  | 308      | 358      | 342      | 336      | 7.57   | cps   |
| Molybdenum | 96-1  | 650      | 575      | 517      | 581      | 11.51  | cps   |
| Molybdenum | 97-1  | 267      | 233      | 325      | 275      | 16.87  | cps   |
| Molybdenum | 98-1  | 650      | 500      | 650      | 600      | 14.43  | cps   |
| Neodymium  | 150-1 | 53       | 93       | 73       | 73       | 27.27  | cps   |
| Neodymium  | 150-2 | 20       | 17       | 30       | 22       | 31.22  | cps   |
| Nickel     | 60-2  | 10704    | 10864    | 11078    | 10882    | 1.72   | cps   |
| Phosphorus | 31-2  | 6943     | 7702     | 7235     | 7294     | 5.25   | cps   |
| Potassium  | 39-2  | 312886   | 311905   | 312940   | 312577   | 0.19   | cps   |
| Rhodium    | 103-1 | 12874891 | 12674912 | 12785541 | 12778448 | 0.78   | cps   |
| Rhodium    | 103-2 | 6217231  | 6223200  | 6184891  | 6208440  | 0.33   | cps   |
| Scandium   | 45-1  | 8732124  | 8663368  | 8606167  | 8667220  | 0.73   | cps   |
| Scandium   | 45-2  | 445246   | 448366   | 448001   | 447204   | 0.38   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 144      | 104      | 119      | 122      | 16.87  | cps   |
| Selenium   | 82-1  | 125      | 35       | 196      | 119      | 68.08  | cps   |
| Silicon    | 28-1  | 9532690  | 9459444  | 9579237  | 9523791  | 0.63   | cps   |
| Silver     | 109-1 | 175      | 267      | 275      | 239      | 23.23  | cps   |
| Silver     | 107-1 | 333      | 250      | 225      | 269      | 21.05  | cps   |
| Sodium     | 23-2  | 8731843  | 8653028  | 8705338  | 8696736  | 0.46   | cps   |
| Strontium  | 86-1  | 97841    | 99125    | 100736   | 99234    | 1.46   | cps   |
| Strontium  | 88-1  | 874524   | 866073   | 869480   | 870026   | 0.49   | cps   |
| Sulfur     | 34-1  | 516127   | 515127   | 513074   | 514776   | 0.30   | cps   |
| Terbium    | 159-1 | 18116951 | 17798523 | 17853327 | 17922934 | 0.95   | cps   |
| Terbium    | 159-2 | 9192559  | 9108928  | 9069395  | 9123627  | 0.69   | cps   |
| Thallium   | 203-1 | 442      | 383      | 308      | 378      | 17.69  | cps   |
| Thallium   | 205-1 | 817      | 917      | 858      | 864      | 5.82   | cps   |
| Tin        | 118-1 | 17186    | 17645    | 17136    | 17322    | 1.62   | cps   |
| Titanium   | 47-1  | 1100     | 2936     | 1017     | 1684     | 64.41  | cps   |
| Uranium    | 238-1 | 608      | 550      | 483      | 547      | 11.43  | cps   |
| Vanadium   | 51-2  | 290      | 247      | 323      | 287      | 13.41  | cps   |
| Yttrium    | 89-1  | 14006631 | 13704731 | 13716126 | 13809163 | 1.24   | cps   |
| Yttrium    | 89-2  | 2222705  | 2229005  | 2216475  | 2222728  | 0.28   | cps   |
| Zinc       | 66-2  | 88188    | 87413    | 87718    | 87773    | 0.44   | cps   |
| Zirconium  | 90-1  | 2575     | 2767     | 2559     | 2634     | 4.40   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-09-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:45:56   | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 692  | 633  | 642  | 656     | 4.81   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-10-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:49:20   | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 18379    | 18846    | 18921    | 18715    | 1.57   | cps   |
| Antimony   | 121-1 | 1133     | 1125     | 1133     | 1131     | 0.43   | cps   |
| Arsenic    | 75-2  | 200      | 224      | 178      | 201      | 11.54  | cps   |
| Barium     | 135-1 | 62131    | 61629    | 60332    | 61364    | 1.51   | cps   |
| Barium     | 137-1 | 106784   | 109991   | 106144   | 107640   | 1.92   | cps   |
| Beryllium  | 9-1   | 28       | 22       | 61       | 37       | 56.79  | cps   |
| Bismuth    | 209-1 | 11654778 | 11456862 | 11343500 | 11485046 | 1.37   | cps   |
| Bismuth    | 209-2 | 7260407  | 7304596  | 7285163  | 7283388  | 0.30   | cps   |
| Boron      | 10-1  | 2084     | 2092     | 2259     | 2145     | 4.60   | cps   |
| Boron      | 11-1  | 10087    | 9979     | 10095    | 10054    | 0.65   | cps   |
| Cadmium    | 111-1 | 2341     | 2620     | 2386     | 2449     | 6.12   | cps   |
| Cadmium    | 106-1 | 3284     | 3709     | 3376     | 3456     | 6.47   | cps   |
| Cadmium    | 108-1 | 17       | 25       | 21       | 21       | 19.99  | cps   |
| Calcium    | 43-1  | 276429   | 275004   | 278598   | 276677   | 0.65   | cps   |
| Calcium    | 44-1  | 4608113  | 4554748  | 4579764  | 4580875  | 0.58   | cps   |
| Chromium   | 52-2  | 1560     | 1680     | 1730     | 1657     | 5.27   | cps   |
| Cobalt     | 59-2  | 320      | 363      | 350      | 344      | 6.44   | cps   |
| Copper     | 63-2  | 1403337  | 1403130  | 1399724  | 1402064  | 0.14   | cps   |
| Dysprosium | 156-1 | 50       | 75       | 83       | 69       | 24.98  | cps   |
| Dysprosium | 156-2 | 47       | 53       | 40       | 47       | 14.28  | cps   |
| Erbium     | 164-1 | 117      | 108      | 133      | 119      | 10.66  | cps   |
| Erbium     | 164-2 | 67       | 50       | 83       | 67       | 25.00  | cps   |
| Gadolinium | 160-1 | 150      | 192      | 258      | 200      | 27.32  | cps   |
| Gadolinium | 160-2 | 163      | 213      | 137      | 171      | 22.75  | cps   |
| Holmium    | 165-1 | 17467301 | 17440093 | 17346286 | 17417893 | 0.36   | cps   |
| Holmium    | 165-2 | 9143096  | 9192419  | 9062167  | 9132561  | 0.72   | cps   |
| Indium     | 115-1 | 13477895 | 13512203 | 13479873 | 13489991 | 0.14   | cps   |
| Indium     | 115-2 | 2870542  | 2873598  | 2847408  | 2863849  | 0.50   | cps   |
| Iron       | 56-2  | 92901    | 92796    | 98689    | 94795    | 3.56   | cps   |
| Iron       | 57-2  | 3456     | 2945     | 3256     | 3219     | 8.00   | cps   |
| Lead       | 206-1 | 4062     | 4323     | 4540     | 4308     | 5.55   | cps   |
| Lead       | 207-1 | 3662     | 3945     | 3695     | 3767     | 4.11   | cps   |
| Lead       | 208-1 | 16716    | 17244    | 17933    | 17298    | 3.53   | cps   |
| Lithium    | 6-1   | 1956874  | 1954719  | 1927416  | 1946336  | 0.84   | cps   |
| Magnesium  | 24-2  | 554789   | 555678   | 549833   | 553433   | 0.57   | cps   |
| Manganese  | 55-2  | 34250    | 34353    | 34735    | 34446    | 0.74   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-10-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:49:20   | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1317     | 1142     | 1317     | 1258     | 8.03   | cps   |
| Molybdenum | 95-1  | 400      | 367      | 375      | 381      | 4.56   | cps   |
| Molybdenum | 96-1  | 492      | 658      | 525      | 558      | 15.80  | cps   |
| Molybdenum | 97-1  | 300      | 392      | 283      | 325      | 17.95  | cps   |
| Molybdenum | 98-1  | 550      | 642      | 592      | 594      | 7.72   | cps   |
| Neodymium  | 150-1 | 53       | 53       | 47       | 51       | 7.53   | cps   |
| Neodymium  | 150-2 | 33       | 67       | 33       | 44       | 43.31  | cps   |
| Nickel     | 60-2  | 1273     | 1253     | 1413     | 1313     | 6.64   | cps   |
| Phosphorus | 31-2  | 7094     | 7344     | 7019     | 7152     | 2.38   | cps   |
| Potassium  | 39-2  | 274836   | 273529   | 276108   | 274824   | 0.47   | cps   |
| Rhodium    | 103-1 | 12755208 | 12689133 | 12827354 | 12757232 | 0.54   | cps   |
| Rhodium    | 103-2 | 6286829  | 6215531  | 6213379  | 6238580  | 0.67   | cps   |
| Scandium   | 45-1  | 8779061  | 8659164  | 8636487  | 8691570  | 0.88   | cps   |
| Scandium   | 45-2  | 450363   | 453378   | 448721   | 450821   | 0.52   | cps   |
| Selenium   | 77-2  | 3        | 3        | 10       | 6        | 69.34  | cps   |
| Selenium   | 78-2  | 128      | 131      | 106      | 122      | 11.53  | cps   |
| Selenium   | 82-1  | 63       | 129      | 207      | 133      | 54.02  | cps   |
| Silicon    | 28-1  | 9622116  | 9467632  | 9570098  | 9553282  | 0.82   | cps   |
| Silver     | 109-1 | 125      | 183      | 275      | 194      | 38.89  | cps   |
| Silver     | 107-1 | 167      | 317      | 175      | 219      | 38.41  | cps   |
| Sodium     | 23-2  | 8733587  | 8791500  | 8777902  | 8767663  | 0.35   | cps   |
| Strontium  | 86-1  | 98117    | 95225    | 97647    | 96996    | 1.60   | cps   |
| Strontium  | 88-1  | 838512   | 832250   | 841567   | 837443   | 0.57   | cps   |
| Sulfur     | 34-1  | 519540   | 519603   | 512783   | 517309   | 0.76   | cps   |
| Terbium    | 159-1 | 18017761 | 17970656 | 17808046 | 17932154 | 0.61   | cps   |
| Terbium    | 159-2 | 9133786  | 9185529  | 9221074  | 9180130  | 0.48   | cps   |
| Thallium   | 203-1 | 492      | 358      | 358      | 403      | 19.11  | cps   |
| Thallium   | 205-1 | 808      | 1058     | 925      | 931      | 13.44  | cps   |
| Tin        | 118-1 | 2392     | 2225     | 2009     | 2209     | 8.70   | cps   |
| Titanium   | 47-1  | 775      | 1075     | 875      | 908      | 16.82  | cps   |
| Uranium    | 238-1 | 592      | 500      | 633      | 575      | 11.86  | cps   |
| Vanadium   | 51-2  | 270      | 313      | 303      | 296      | 7.68   | cps   |
| Yttrium    | 89-1  | 13947999 | 13730108 | 13832048 | 13836718 | 0.79   | cps   |
| Yttrium    | 89-2  | 2224494  | 2247945  | 2241490  | 2237976  | 0.54   | cps   |
| Zinc       | 66-2  | 16506    | 16229    | 16663    | 16466    | 1.33   | cps   |
| Zirconium  | 90-1  | 2525     | 6012     | 2500     | 3679     | 54.91  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-10-BS-CL111-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:49:20   | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 525  | 508  | 617  | 550     | 10.61  | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-11 Instrumnet Name : P7  
 Client Sample ID : DC24741-11-BS-CLMUS Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:52:44 DataFile Name : 034SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1592     | 1342     | 1575     | 1503     | 9.30   | cps   |
| Antimony   | 121-1 | 1183     | 1225     | 1167     | 1192     | 2.52   | cps   |
| Arsenic    | 75-2  | 167      | 163      | 163      | 164      | 1.30   | cps   |
| Barium     | 135-1 | 69106    | 67263    | 67765    | 68045    | 1.40   | cps   |
| Barium     | 137-1 | 119091   | 118342   | 116761   | 118065   | 1.01   | cps   |
| Beryllium  | 9-1   | 44       | 39       | 50       | 44       | 12.50  | cps   |
| Bismuth    | 209-1 | 11595196 | 11440618 | 11505855 | 11513890 | 0.67   | cps   |
| Bismuth    | 209-2 | 7403517  | 7311758  | 7347928  | 7354401  | 0.63   | cps   |
| Boron      | 10-1  | 2000     | 1992     | 1975     | 1989     | 0.64   | cps   |
| Boron      | 11-1  | 9895     | 9979     | 9954     | 9943     | 0.43   | cps   |
| Cadmium    | 111-1 | 3243     | 2965     | 3057     | 3089     | 4.59   | cps   |
| Cadmium    | 106-1 | 3634     | 3367     | 3459     | 3487     | 3.89   | cps   |
| Cadmium    | 108-1 | 54       | 83       | 92       | 76       | 25.78  | cps   |
| Calcium    | 43-1  | 275003   | 273140   | 275989   | 274710   | 0.53   | cps   |
| Calcium    | 44-1  | 4560062  | 4542657  | 4570384  | 4557701  | 0.31   | cps   |
| Chromium   | 52-2  | 1883     | 1873     | 1797     | 1851     | 2.56   | cps   |
| Cobalt     | 59-2  | 563      | 490      | 463      | 506      | 10.24  | cps   |
| Copper     | 63-2  | 2134382  | 2108998  | 2138831  | 2127404  | 0.76   | cps   |
| Dysprosium | 156-1 | 67       | 50       | 50       | 56       | 17.32  | cps   |
| Dysprosium | 156-2 | 47       | 50       | 43       | 47       | 7.15   | cps   |
| Erbium     | 164-1 | 108      | 142      | 108      | 119      | 16.11  | cps   |
| Erbium     | 164-2 | 63       | 50       | 70       | 61       | 16.66  | cps   |
| Gadolinium | 160-1 | 158      | 192      | 175      | 175      | 9.53   | cps   |
| Gadolinium | 160-2 | 160      | 177      | 197      | 178      | 10.33  | cps   |
| Holmium    | 165-1 | 17564811 | 17260596 | 17309525 | 17378310 | 0.94   | cps   |
| Holmium    | 165-2 | 9171489  | 9124350  | 9226489  | 9174110  | 0.56   | cps   |
| Indium     | 115-1 | 13699197 | 13481659 | 13674471 | 13618443 | 0.87   | cps   |
| Indium     | 115-2 | 2898342  | 2872946  | 2859970  | 2877086  | 0.68   | cps   |
| Iron       | 56-2  | 107119   | 106850   | 112231   | 108734   | 2.79   | cps   |
| Iron       | 57-2  | 3656     | 3356     | 3757     | 3590     | 5.81   | cps   |
| Lead       | 206-1 | 32518    | 32652    | 32640    | 32603    | 0.23   | cps   |
| Lead       | 207-1 | 27624    | 27513    | 26861    | 27332    | 1.51   | cps   |
| Lead       | 208-1 | 127077   | 125329   | 126749   | 126385   | 0.74   | cps   |
| Lithium    | 6-1   | 1929862  | 1907898  | 1951609  | 1929790  | 1.13   | cps   |
| Magnesium  | 24-2  | 548961   | 550498   | 549002   | 549487   | 0.16   | cps   |
| Manganese  | 55-2  | 39503    | 40760    | 40426    | 40229    | 1.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-11-BS-CLMUS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:52:44 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1242     | 1000     | 1108     | 1117     | 10.84  | cps   |
| Molybdenum | 95-1  | 433      | 425      | 367      | 408      | 8.90   | cps   |
| Molybdenum | 96-1  | 583      | 533      | 550      | 556      | 4.58   | cps   |
| Molybdenum | 97-1  | 408      | 367      | 392      | 389      | 5.39   | cps   |
| Molybdenum | 98-1  | 658      | 692      | 767      | 706      | 7.86   | cps   |
| Neodymium  | 150-1 | 73       | 60       | 67       | 67       | 10.00  | cps   |
| Neodymium  | 150-2 | 23       | 33       | 30       | 29       | 17.63  | cps   |
| Nickel     | 60-2  | 24444    | 24407    | 24564    | 24472    | 0.34   | cps   |
| Phosphorus | 31-2  | 6727     | 6535     | 6435     | 6566     | 2.26   | cps   |
| Potassium  | 39-2  | 269684   | 268996   | 270485   | 269722   | 0.28   | cps   |
| Rhodium    | 103-1 | 12816168 | 12666163 | 12687799 | 12723377 | 0.64   | cps   |
| Rhodium    | 103-2 | 6282698  | 6289819  | 6297468  | 6289995  | 0.12   | cps   |
| Scandium   | 45-1  | 8695902  | 8650115  | 8730742  | 8692253  | 0.47   | cps   |
| Scandium   | 45-2  | 456877   | 451241   | 452743   | 453620   | 0.64   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 122      | 96       | 102      | 107      | 12.78  | cps   |
| Selenium   | 82-1  | 114      | 29       | 77       | 73       | 58.03  | cps   |
| Silicon    | 28-1  | 9644810  | 9609812  | 9722165  | 9658929  | 0.60   | cps   |
| Silver     | 109-1 | 150      | 158      | 217      | 175      | 20.76  | cps   |
| Silver     | 107-1 | 283      | 183      | 200      | 222      | 24.11  | cps   |
| Sodium     | 23-2  | 8994586  | 8916183  | 8978410  | 8963060  | 0.46   | cps   |
| Strontium  | 86-1  | 98260    | 99141    | 98376    | 98593    | 0.49   | cps   |
| Strontium  | 88-1  | 866547   | 857569   | 855161   | 859759   | 0.70   | cps   |
| Sulfur     | 34-1  | 523448   | 517440   | 520191   | 520359   | 0.58   | cps   |
| Terbium    | 159-1 | 17948220 | 17848223 | 18059828 | 17952090 | 0.59   | cps   |
| Terbium    | 159-2 | 9263234  | 9152395  | 9238654  | 9218095  | 0.63   | cps   |
| Thallium   | 203-1 | 350      | 467      | 408      | 408      | 14.29  | cps   |
| Thallium   | 205-1 | 1017     | 1233     | 975      | 1075     | 12.90  | cps   |
| Tin        | 118-1 | 6343     | 6969     | 6944     | 6752     | 5.24   | cps   |
| Titanium   | 47-1  | 1000     | 1042     | 1000     | 1014     | 2.37   | cps   |
| Uranium    | 238-1 | 533      | 600      | 542      | 558      | 6.51   | cps   |
| Vanadium   | 51-2  | 250      | 437      | 280      | 322      | 31.13  | cps   |
| Yttrium    | 89-1  | 14136338 | 13941248 | 13862999 | 13980195 | 1.01   | cps   |
| Yttrium    | 89-2  | 2255054  | 2237135  | 2231929  | 2241372  | 0.54   | cps   |
| Zinc       | 66-2  | 319025   | 322449   | 320530   | 320668   | 0.54   | cps   |
| Zirconium  | 90-1  | 2584     | 2100     | 2367     | 2350     | 10.30  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-11-BS-CLMUS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:52:44 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 583  | 450  | 550  | 528     | 13.15  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-12 Instrumnet Name : P7  
 Client Sample ID : DC24741-12-BS-CLMUS Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:56:08 DataFile Name : 035SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1850     | 2293     | 1975     | 2040     | 11.20  | cps   |
| Antimony   | 121-1 | 925      | 933      | 808      | 889      | 7.86   | cps   |
| Arsenic    | 75-2  | 202      | 193      | 185      | 193      | 4.32   | cps   |
| Barium     | 135-1 | 68838    | 68009    | 69156    | 68668    | 0.86   | cps   |
| Barium     | 137-1 | 121849   | 120520   | 120990   | 121120   | 0.56   | cps   |
| Beryllium  | 9-1   | 17       | 33       | 56       | 35       | 55.45  | cps   |
| Bismuth    | 209-1 | 11499663 | 11558862 | 11503759 | 11520761 | 0.29   | cps   |
| Bismuth    | 209-2 | 7316949  | 7268594  | 7283534  | 7289692  | 0.34   | cps   |
| Boron      | 10-1  | 2059     | 1917     | 1917     | 1964     | 4.16   | cps   |
| Boron      | 11-1  | 9487     | 10045    | 10279    | 9937     | 4.10   | cps   |
| Cadmium    | 111-1 | 2496     | 2645     | 2459     | 2533     | 3.88   | cps   |
| Cadmium    | 106-1 | 3501     | 3726     | 3459     | 3562     | 4.03   | cps   |
| Cadmium    | 108-1 | 13       | 25       | 0        | 13       | 100.00 | cps   |
| Calcium    | 43-1  | 273908   | 275427   | 271419   | 273585   | 0.74   | cps   |
| Calcium    | 44-1  | 4547473  | 4557263  | 4506214  | 4536983  | 0.60   | cps   |
| Chromium   | 52-2  | 2184     | 1974     | 1903     | 2020     | 7.21   | cps   |
| Cobalt     | 59-2  | 270      | 217      | 237      | 241      | 11.18  | cps   |
| Copper     | 63-2  | 312258   | 309126   | 312455   | 311280   | 0.60   | cps   |
| Dysprosium | 156-1 | 92       | 92       | 75       | 86       | 11.18  | cps   |
| Dysprosium | 156-2 | 60       | 50       | 47       | 52       | 13.28  | cps   |
| Erbium     | 164-1 | 150      | 100      | 75       | 108      | 35.25  | cps   |
| Erbium     | 164-2 | 90       | 70       | 80       | 80       | 12.50  | cps   |
| Gadolinium | 160-1 | 225      | 242      | 192      | 219      | 11.60  | cps   |
| Gadolinium | 160-2 | 207      | 190      | 267      | 221      | 18.24  | cps   |
| Holmium    | 165-1 | 17378737 | 17240369 | 17204820 | 17274642 | 0.53   | cps   |
| Holmium    | 165-2 | 9138690  | 9202949  | 9178048  | 9173229  | 0.35   | cps   |
| Indium     | 115-1 | 13497951 | 13412471 | 13282773 | 13397732 | 0.81   | cps   |
| Indium     | 115-2 | 2857860  | 2833813  | 2815467  | 2835713  | 0.75   | cps   |
| Iron       | 56-2  | 129617   | 133563   | 128811   | 130664   | 1.95   | cps   |
| Iron       | 57-2  | 4101     | 4117     | 4273     | 4164     | 2.28   | cps   |
| Lead       | 206-1 | 3384     | 3278     | 3378     | 3347     | 1.78   | cps   |
| Lead       | 207-1 | 2834     | 2717     | 3045     | 2865     | 5.80   | cps   |
| Lead       | 208-1 | 13186    | 13081    | 13553    | 13273    | 1.87   | cps   |
| Lithium    | 6-1   | 1978340  | 1952368  | 1959740  | 1963483  | 0.68   | cps   |
| Magnesium  | 24-2  | 535475   | 537333   | 539917   | 537575   | 0.41   | cps   |
| Manganese  | 55-2  | 50001    | 49727    | 48961    | 49563    | 1.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-12-BS-CLMUS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:56:08 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1192     | 1242     | 1117     | 1183     | 5.32   | cps   |
| Molybdenum | 95-1  | 392      | 325      | 417      | 378      | 12.54  | cps   |
| Molybdenum | 96-1  | 625      | 525      | 542      | 564      | 9.50   | cps   |
| Molybdenum | 97-1  | 300      | 300      | 317      | 306      | 3.15   | cps   |
| Molybdenum | 98-1  | 700      | 542      | 750      | 664      | 16.38  | cps   |
| Neodymium  | 150-1 | 133      | 47       | 107      | 96       | 46.45  | cps   |
| Neodymium  | 150-2 | 33       | 40       | 50       | 41       | 20.41  | cps   |
| Nickel     | 60-2  | 983      | 887      | 980      | 950      | 5.78   | cps   |
| Phosphorus | 31-2  | 7727     | 7877     | 7586     | 7730     | 1.89   | cps   |
| Potassium  | 39-2  | 276918   | 271174   | 275143   | 274412   | 1.07   | cps   |
| Rhodium    | 103-1 | 12745671 | 12680605 | 12581214 | 12669163 | 0.65   | cps   |
| Rhodium    | 103-2 | 6267887  | 6238881  | 6211673  | 6239480  | 0.45   | cps   |
| Scandium   | 45-1  | 8775397  | 8744662  | 8657840  | 8725966  | 0.70   | cps   |
| Scandium   | 45-2  | 448080   | 449612   | 450672   | 449455   | 0.29   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 128      | 89       | 109      | 109      | 17.90  | cps   |
| Selenium   | 82-1  | 16       | 88       | 132      | 78       | 74.65  | cps   |
| Silicon    | 28-1  | 9626054  | 9553949  | 9683819  | 9621274  | 0.68   | cps   |
| Silver     | 109-1 | 192      | 100      | 108      | 133      | 38.02  | cps   |
| Silver     | 107-1 | 267      | 142      | 158      | 189      | 35.93  | cps   |
| Sodium     | 23-2  | 8974626  | 8945993  | 8939603  | 8953407  | 0.21   | cps   |
| Strontium  | 86-1  | 98360    | 99518    | 98075    | 98651    | 0.77   | cps   |
| Strontium  | 88-1  | 852175   | 856478   | 840729   | 849794   | 0.96   | cps   |
| Sulfur     | 34-1  | 524259   | 524268   | 529613   | 526047   | 0.59   | cps   |
| Terbium    | 159-1 | 17876835 | 17773071 | 17699311 | 17783072 | 0.50   | cps   |
| Terbium    | 159-2 | 9179116  | 9106050  | 9033219  | 9106128  | 0.80   | cps   |
| Thallium   | 203-1 | 350      | 250      | 417      | 339      | 24.75  | cps   |
| Thallium   | 205-1 | 1042     | 1000     | 875      | 972      | 8.92   | cps   |
| Tin        | 118-1 | 1734     | 1967     | 1967     | 1889     | 7.13   | cps   |
| Titanium   | 47-1  | 1058     | 1301     | 1183     | 1181     | 10.25  | cps   |
| Uranium    | 238-1 | 792      | 1025     | 825      | 881      | 14.33  | cps   |
| Vanadium   | 51-2  | 243      | 293      | 303      | 280      | 11.48  | cps   |
| Yttrium    | 89-1  | 13830461 | 13813196 | 13612609 | 13752089 | 0.88   | cps   |
| Yttrium    | 89-2  | 2231732  | 2213682  | 2207809  | 2217741  | 0.56   | cps   |
| Zinc       | 66-2  | 16356    | 15942    | 16176    | 16158    | 1.28   | cps   |
| Zirconium  | 90-1  | 2967     | 2509     | 2350     | 2609     | 12.28  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-12-BS-CLMUS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:56:08 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 567  | 583  | 583  | 578     | 1.66   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-13 Instrumnet Name : P7  
 Client Sample ID : DC24741-13-BS-H-W3-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 17:59:32 DataFile Name : 036SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8469     | 8803     | 9020     | 8764     | 3.16   | cps   |
| Antimony   | 121-1 | 1200     | 1208     | 1258     | 1222     | 2.58   | cps   |
| Arsenic    | 75-2  | 207      | 176      | 219      | 201      | 11.01  | cps   |
| Barium     | 135-1 | 70948    | 73453    | 72129    | 72177    | 1.74   | cps   |
| Barium     | 137-1 | 126177   | 125538   | 124067   | 125261   | 0.86   | cps   |
| Beryllium  | 9-1   | 39       | 39       | 44       | 41       | 7.88   | cps   |
| Bismuth    | 209-1 | 11492815 | 11459279 | 11426780 | 11459625 | 0.29   | cps   |
| Bismuth    | 209-2 | 7190447  | 7266595  | 7109741  | 7188927  | 1.09   | cps   |
| Boron      | 10-1  | 2042     | 2034     | 1750     | 1942     | 8.55   | cps   |
| Boron      | 11-1  | 9970     | 10596    | 9870     | 10145    | 3.88   | cps   |
| Cadmium    | 111-1 | 2693     | 2675     | 2568     | 2645     | 2.55   | cps   |
| Cadmium    | 106-1 | 3676     | 3642     | 3526     | 3615     | 2.18   | cps   |
| Cadmium    | 108-1 | 25       | 29       | 29       | 28       | 8.67   | cps   |
| Calcium    | 43-1  | 298374   | 295735   | 291220   | 295110   | 1.23   | cps   |
| Calcium    | 44-1  | 4981599  | 4878699  | 4877220  | 4912506  | 1.22   | cps   |
| Chromium   | 52-2  | 6965     | 7112     | 7105     | 7061     | 1.17   | cps   |
| Cobalt     | 59-2  | 440      | 473      | 430      | 448      | 5.07   | cps   |
| Copper     | 63-2  | 2431024  | 2434029  | 2432303  | 2432452  | 0.06   | cps   |
| Dysprosium | 156-1 | 67       | 75       | 83       | 75       | 11.11  | cps   |
| Dysprosium | 156-2 | 70       | 67       | 53       | 63       | 13.93  | cps   |
| Erbium     | 164-1 | 208      | 133      | 125      | 156      | 29.50  | cps   |
| Erbium     | 164-2 | 73       | 70       | 100      | 81       | 20.27  | cps   |
| Gadolinium | 160-1 | 275      | 142      | 275      | 231      | 33.39  | cps   |
| Gadolinium | 160-2 | 127      | 190      | 180      | 166      | 20.56  | cps   |
| Holmium    | 165-1 | 17461981 | 17529060 | 17342807 | 17444616 | 0.54   | cps   |
| Holmium    | 165-2 | 9101698  | 9106675  | 8997717  | 9068697  | 0.68   | cps   |
| Indium     | 115-1 | 13535703 | 13430528 | 13310706 | 13425646 | 0.84   | cps   |
| Indium     | 115-2 | 2842336  | 2838324  | 2844455  | 2841705  | 0.11   | cps   |
| Iron       | 56-2  | 167803   | 204607   | 192437   | 188282   | 9.96   | cps   |
| Iron       | 57-2  | 5040     | 5296     | 4756     | 5031     | 5.36   | cps   |
| Lead       | 206-1 | 8870     | 8620     | 8130     | 8540     | 4.40   | cps   |
| Lead       | 207-1 | 7097     | 7319     | 6841     | 7085     | 3.38   | cps   |
| Lead       | 208-1 | 34179    | 33985    | 32962    | 33708    | 1.94   | cps   |
| Lithium    | 6-1   | 1971721  | 1972395  | 1943506  | 1962541  | 0.84   | cps   |
| Magnesium  | 24-2  | 558835   | 557157   | 554309   | 556767   | 0.41   | cps   |
| Manganese  | 55-2  | 51252    | 51165    | 51015    | 51144    | 0.23   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-13-BS-H-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:59:32  | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1392     | 1425     | 958      | 1258     | 20.69  | cps   |
| Molybdenum | 95-1  | 483      | 483      | 492      | 486      | 0.99   | cps   |
| Molybdenum | 96-1  | 542      | 700      | 583      | 608      | 13.49  | cps   |
| Molybdenum | 97-1  | 392      | 308      | 433      | 378      | 16.85  | cps   |
| Molybdenum | 98-1  | 900      | 717      | 883      | 833      | 12.17  | cps   |
| Neodymium  | 150-1 | 147      | 107      | 93       | 116      | 24.02  | cps   |
| Neodymium  | 150-2 | 27       | 33       | 40       | 33       | 20.00  | cps   |
| Nickel     | 60-2  | 5428     | 5188     | 4994     | 5203     | 4.17   | cps   |
| Phosphorus | 31-2  | 7302     | 7419     | 7369     | 7363     | 0.80   | cps   |
| Potassium  | 39-2  | 276573   | 279696   | 275720   | 277330   | 0.75   | cps   |
| Rhodium    | 103-1 | 12721851 | 12794553 | 12762686 | 12759697 | 0.29   | cps   |
| Rhodium    | 103-2 | 6193978  | 6166515  | 6201952  | 6187482  | 0.30   | cps   |
| Scandium   | 45-1  | 8795003  | 8622193  | 8611562  | 8676252  | 1.19   | cps   |
| Scandium   | 45-2  | 451269   | 451354   | 450935   | 451186   | 0.05   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 100      | 106      | 98       | 101      | 3.81   | cps   |
| Selenium   | 82-1  | 26       | -2       | 40       | 22       | 99.25  | cps   |
| Silicon    | 28-1  | 10308659 | 10120957 | 10187407 | 10205674 | 0.93   | cps   |
| Silver     | 109-1 | 117      | 167      | 217      | 167      | 30.00  | cps   |
| Silver     | 107-1 | 217      | 600      | 225      | 347      | 63.08  | cps   |
| Sodium     | 23-2  | 8982430  | 8907274  | 8910138  | 8933281  | 0.48   | cps   |
| Strontium  | 86-1  | 102154   | 101667   | 99990    | 101270   | 1.12   | cps   |
| Strontium  | 88-1  | 883494   | 882455   | 874359   | 880103   | 0.57   | cps   |
| Sulfur     | 34-1  | 517491   | 520872   | 523017   | 520460   | 0.54   | cps   |
| Terbium    | 159-1 | 18107793 | 17932953 | 17872913 | 17971220 | 0.68   | cps   |
| Terbium    | 159-2 | 9177491  | 9138112  | 9102435  | 9139346  | 0.41   | cps   |
| Thallium   | 203-1 | 558      | 417      | 350      | 442      | 24.09  | cps   |
| Thallium   | 205-1 | 783      | 900      | 942      | 875      | 9.38   | cps   |
| Tin        | 118-1 | 1400     | 1000     | 1133     | 1178     | 17.29  | cps   |
| Titanium   | 47-1  | 1142     | 1267     | 1325     | 1245     | 7.53   | cps   |
| Uranium    | 238-1 | 425      | 508      | 667      | 533      | 23.02  | cps   |
| Vanadium   | 51-2  | 337      | 330      | 320      | 329      | 2.55   | cps   |
| Yttrium    | 89-1  | 13879579 | 13745364 | 13826149 | 13817031 | 0.49   | cps   |
| Yttrium    | 89-2  | 2214648  | 2216842  | 2229400  | 2220297  | 0.36   | cps   |
| Zinc       | 66-2  | 194800   | 195545   | 194308   | 194884   | 0.32   | cps   |
| Zirconium  | 90-1  | 2625     | 2417     | 2392     | 2478     | 5.17   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-13-BS-H-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 17:59:32  | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 433  | 658  | 342  | 478     | 34.10  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-14 Instrumnet Name : P7  
 Client Sample ID : DC24741-14-BS-H-W3-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:02:56 DataFile Name : 037SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4301     | 4576     | 4067     | 4315     | 5.90   | cps   |
| Antimony   | 121-1 | 1092     | 1108     | 1150     | 1117     | 2.69   | cps   |
| Arsenic    | 75-2  | 196      | 220      | 152      | 190      | 18.34  | cps   |
| Barium     | 135-1 | 70286    | 70161    | 72615    | 71021    | 1.95   | cps   |
| Barium     | 137-1 | 121335   | 121000   | 119789   | 120708   | 0.67   | cps   |
| Beryllium  | 9-1   | 39       | 11       | 44       | 31       | 56.73  | cps   |
| Bismuth    | 209-1 | 11537307 | 11425279 | 11348942 | 11437176 | 0.83   | cps   |
| Bismuth    | 209-2 | 7296515  | 7211668  | 7179262  | 7229148  | 0.84   | cps   |
| Boron      | 10-1  | 2142     | 1792     | 1934     | 1956     | 9.00   | cps   |
| Boron      | 11-1  | 9437     | 9120     | 9620     | 9392     | 2.69   | cps   |
| Cadmium    | 111-1 | 2487     | 2506     | 2385     | 2460     | 2.64   | cps   |
| Cadmium    | 106-1 | 3434     | 3351     | 3284     | 3356     | 2.24   | cps   |
| Cadmium    | 108-1 | 83       | 50       | 25       | 53       | 55.46  | cps   |
| Calcium    | 43-1  | 274436   | 272658   | 270647   | 272580   | 0.70   | cps   |
| Calcium    | 44-1  | 4525831  | 4530245  | 4505289  | 4520455  | 0.29   | cps   |
| Chromium   | 52-2  | 3904     | 4157     | 3937     | 3999     | 3.44   | cps   |
| Cobalt     | 59-2  | 307      | 343      | 330      | 327      | 5.68   | cps   |
| Copper     | 63-2  | 2283533  | 2295913  | 2281374  | 2286940  | 0.34   | cps   |
| Dysprosium | 156-1 | 83       | 100      | 83       | 89       | 10.82  | cps   |
| Dysprosium | 156-2 | 67       | 70       | 67       | 68       | 2.84   | cps   |
| Erbium     | 164-1 | 192      | 208      | 133      | 178      | 22.15  | cps   |
| Erbium     | 164-2 | 60       | 70       | 57       | 62       | 11.15  | cps   |
| Gadolinium | 160-1 | 258      | 225      | 242      | 242      | 6.90   | cps   |
| Gadolinium | 160-2 | 223      | 200      | 150      | 191      | 19.61  | cps   |
| Holmium    | 165-1 | 17334118 | 17092044 | 17237821 | 17221328 | 0.71   | cps   |
| Holmium    | 165-2 | 9132134  | 9151600  | 9072244  | 9118659  | 0.45   | cps   |
| Indium     | 115-1 | 13486040 | 13477668 | 13374398 | 13446035 | 0.46   | cps   |
| Indium     | 115-2 | 2842534  | 2842202  | 2822584  | 2835774  | 0.40   | cps   |
| Iron       | 56-2  | 178558   | 175185   | 179113   | 177619   | 1.20   | cps   |
| Iron       | 57-2  | 5157     | 5312     | 4851     | 5107     | 4.60   | cps   |
| Lead       | 206-1 | 8703     | 8175     | 8442     | 8440     | 3.13   | cps   |
| Lead       | 207-1 | 7069     | 7330     | 7063     | 7154     | 2.13   | cps   |
| Lead       | 208-1 | 33707    | 33378    | 33328    | 33471    | 0.61   | cps   |
| Lithium    | 6-1   | 1975683  | 1959464  | 1913901  | 1949683  | 1.64   | cps   |
| Magnesium  | 24-2  | 544095   | 540822   | 535740   | 540219   | 0.78   | cps   |
| Manganese  | 55-2  | 58640    | 59476    | 58278    | 58798    | 1.04   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-14-BS-H-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:02:56  | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 883      | 1242     | 1125     | 1083     | 16.87    | cps   |
| Molybdenum | 95-1  | 475      | 342      | 333      | 383      | 20.74    | cps   |
| Molybdenum | 96-1  | 633      | 533      | 700      | 622      | 13.48    | cps   |
| Molybdenum | 97-1  | 342      | 417      | 283      | 347      | 19.25    | cps   |
| Molybdenum | 98-1  | 617      | 533      | 625      | 592      | 8.57     | cps   |
| Neodymium  | 150-1 | 67       | 73       | 147      | 96       | 46.45    | cps   |
| Neodymium  | 150-2 | 43       | 37       | 40       | 40       | 8.32     | cps   |
| Nickel     | 60-2  | 4141     | 3994     | 3821     | 3985     | 4.02     | cps   |
| Phosphorus | 31-2  | 7594     | 6935     | 7302     | 7277     | 4.54     | cps   |
| Potassium  | 39-2  | 272424   | 272823   | 274037   | 273095   | 0.31     | cps   |
| Rhodium    | 103-1 | 12741712 | 12579071 | 12691980 | 12670921 | 0.66     | cps   |
| Rhodium    | 103-2 | 6235472  | 6256610  | 6099550  | 6197211  | 1.38     | cps   |
| Scandium   | 45-1  | 8636220  | 8568130  | 8650323  | 8618224  | 0.51     | cps   |
| Scandium   | 45-2  | 445578   | 446166   | 444066   | 445270   | 0.24     | cps   |
| Selenium   | 77-2  | 3        | 0        | 7        | 3        | 100.05   | cps   |
| Selenium   | 78-2  | 91       | 102      | 94       | 96       | 5.91     | cps   |
| Selenium   | 82-1  | 11       | -18      | 6        | 0        | -8856.69 | cps   |
| Silicon    | 28-1  | 9966087  | 10018197 | 9965811  | 9983365  | 0.30     | cps   |
| Silver     | 109-1 | 267      | 242      | 125      | 211      | 35.82    | cps   |
| Silver     | 107-1 | 283      | 258      | 158      | 233      | 28.35    | cps   |
| Sodium     | 23-2  | 8779507  | 8818734  | 8723950  | 8774064  | 0.54     | cps   |
| Strontium  | 86-1  | 97698    | 96867    | 97304    | 97290    | 0.43     | cps   |
| Strontium  | 88-1  | 856807   | 846035   | 845192   | 849344   | 0.76     | cps   |
| Sulfur     | 34-1  | 514441   | 518935   | 518670   | 517349   | 0.49     | cps   |
| Terbium    | 159-1 | 17801926 | 17868218 | 17810675 | 17826940 | 0.20     | cps   |
| Terbium    | 159-2 | 9195560  | 9052048  | 9024499  | 9090702  | 1.01     | cps   |
| Thallium   | 203-1 | 392      | 292      | 308      | 331      | 16.21    | cps   |
| Thallium   | 205-1 | 1100     | 842      | 983      | 975      | 13.27    | cps   |
| Tin        | 118-1 | 783      | 1058     | 808      | 883      | 17.22    | cps   |
| Titanium   | 47-1  | 1067     | 1117     | 1192     | 1125     | 5.59     | cps   |
| Uranium    | 238-1 | 608      | 533      | 717      | 619      | 14.88    | cps   |
| Vanadium   | 51-2  | 337      | 383      | 277      | 332      | 16.10    | cps   |
| Yttrium    | 89-1  | 13978177 | 13702184 | 13674426 | 13784929 | 1.22     | cps   |
| Yttrium    | 89-2  | 2217906  | 2217180  | 2192746  | 2209277  | 0.65     | cps   |
| Zinc       | 66-2  | 194957   | 195979   | 193628   | 194855   | 0.61     | cps   |
| Zirconium  | 90-1  | 2375     | 1900     | 2234     | 2170     | 11.24    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-14-BS-H-W3-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:02:56  | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 408  | 475  | 442  | 442     | 7.55   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-15 Instrumnet Name : P7  
 Client Sample ID : DC24741-15-BS-CL108-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:06:21 DataFile Name : 038SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 13915    | 14324    | 13657    | 13965    | 2.41   | cps   |
| Antimony   | 121-1 | 1875     | 2009     | 1692     | 1859     | 8.56   | cps   |
| Arsenic    | 75-2  | 198      | 163      | 176      | 179      | 9.94   | cps   |
| Barium     | 135-1 | 65899    | 66728    | 65874    | 66167    | 0.73   | cps   |
| Barium     | 137-1 | 119822   | 115242   | 115326   | 116797   | 2.24   | cps   |
| Beryllium  | 9-1   | 61       | 72       | 44       | 59       | 23.59  | cps   |
| Bismuth    | 209-1 | 11416383 | 11339022 | 11261923 | 11339109 | 0.68   | cps   |
| Bismuth    | 209-2 | 7158847  | 7126143  | 7181156  | 7155382  | 0.39   | cps   |
| Boron      | 10-1  | 1892     | 1809     | 1917     | 1872     | 3.03   | cps   |
| Boron      | 11-1  | 9212     | 8920     | 9628     | 9253     | 3.85   | cps   |
| Cadmium    | 111-1 | 2563     | 2471     | 2461     | 2498     | 2.23   | cps   |
| Cadmium    | 106-1 | 3609     | 3476     | 3459     | 3514     | 2.34   | cps   |
| Cadmium    | 108-1 | 38       | 17       | 8        | 21       | 72.12  | cps   |
| Calcium    | 43-1  | 274739   | 274383   | 268541   | 272554   | 1.28   | cps   |
| Calcium    | 44-1  | 4513550  | 4497490  | 4512280  | 4507773  | 0.20   | cps   |
| Chromium   | 52-2  | 2327     | 2364     | 2497     | 2396     | 3.73   | cps   |
| Cobalt     | 59-2  | 347      | 397      | 363      | 369      | 6.90   | cps   |
| Copper     | 63-2  | 695825   | 701149   | 691797   | 696257   | 0.67   | cps   |
| Dysprosium | 156-1 | 83       | 108      | 42       | 78       | 43.30  | cps   |
| Dysprosium | 156-2 | 50       | 47       | 67       | 54       | 19.68  | cps   |
| Erbium     | 164-1 | 167      | 117      | 183      | 156      | 22.30  | cps   |
| Erbium     | 164-2 | 70       | 77       | 67       | 71       | 7.16   | cps   |
| Gadolinium | 160-1 | 183      | 208      | 200      | 197      | 6.45   | cps   |
| Gadolinium | 160-2 | 193      | 153      | 193      | 180      | 12.83  | cps   |
| Holmium    | 165-1 | 17287412 | 17215281 | 17120050 | 17207581 | 0.49   | cps   |
| Holmium    | 165-2 | 9102491  | 9133300  | 9016371  | 9084054  | 0.67   | cps   |
| Indium     | 115-1 | 13485528 | 13267076 | 13312151 | 13354918 | 0.86   | cps   |
| Indium     | 115-2 | 2818752  | 2823464  | 2795381  | 2812532  | 0.53   | cps   |
| Iron       | 56-2  | 121309   | 116689   | 125652   | 121217   | 3.70   | cps   |
| Iron       | 57-2  | 3556     | 3784     | 4129     | 3823     | 7.54   | cps   |
| Lead       | 206-1 | 7602     | 7286     | 7313     | 7400     | 2.37   | cps   |
| Lead       | 207-1 | 6329     | 6035     | 6602     | 6322     | 4.48   | cps   |
| Lead       | 208-1 | 29097    | 28713    | 28596    | 28802    | 0.91   | cps   |
| Lithium    | 6-1   | 1940989  | 1929181  | 1907208  | 1925792  | 0.89   | cps   |
| Magnesium  | 24-2  | 542936   | 543062   | 540116   | 542038   | 0.31   | cps   |
| Manganese  | 55-2  | 42291    | 41856    | 42555    | 42234    | 0.84   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-15              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-15-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:06:21   | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 850      | 842      | 733      | 808      | 8.05   | cps   |
| Molybdenum | 95-1  | 400      | 267      | 342      | 336      | 19.89  | cps   |
| Molybdenum | 96-1  | 433      | 442      | 475      | 450      | 4.90   | cps   |
| Molybdenum | 97-1  | 308      | 258      | 250      | 272      | 11.59  | cps   |
| Molybdenum | 98-1  | 467      | 650      | 617      | 578      | 16.90  | cps   |
| Neodymium  | 150-1 | 53       | 67       | 47       | 56       | 18.33  | cps   |
| Neodymium  | 150-2 | 40       | 30       | 33       | 34       | 14.78  | cps   |
| Nickel     | 60-2  | 3384     | 3450     | 3394     | 3409     | 1.05   | cps   |
| Phosphorus | 31-2  | 7060     | 7410     | 6944     | 7138     | 3.40   | cps   |
| Potassium  | 39-2  | 346031   | 350480   | 347950   | 348154   | 0.64   | cps   |
| Rhodium    | 103-1 | 12653434 | 12651385 | 12585919 | 12630246 | 0.30   | cps   |
| Rhodium    | 103-2 | 6213323  | 6238031  | 6202679  | 6218011  | 0.29   | cps   |
| Scandium   | 45-1  | 8550390  | 8489584  | 8600356  | 8546776  | 0.65   | cps   |
| Scandium   | 45-2  | 445633   | 444031   | 444037   | 444567   | 0.21   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 111      | 104      | 115      | 110      | 5.15   | cps   |
| Selenium   | 82-1  | 121      | 148      | 22       | 97       | 68.14  | cps   |
| Silicon    | 28-1  | 9423926  | 9524361  | 9322656  | 9423648  | 1.07   | cps   |
| Silver     | 109-1 | 325      | 175      | 100      | 200      | 57.28  | cps   |
| Silver     | 107-1 | 317      | 233      | 150      | 233      | 35.71  | cps   |
| Sodium     | 23-2  | 8570142  | 8598112  | 8603972  | 8590742  | 0.21   | cps   |
| Strontium  | 86-1  | 98110    | 96146    | 97849    | 97368    | 1.09   | cps   |
| Strontium  | 88-1  | 837627   | 839371   | 837894   | 838298   | 0.11   | cps   |
| Sulfur     | 34-1  | 510463   | 517335   | 523201   | 517000   | 1.23   | cps   |
| Terbium    | 159-1 | 17917631 | 17864761 | 17662204 | 17814865 | 0.76   | cps   |
| Terbium    | 159-2 | 9166764  | 9126542  | 9034458  | 9109255  | 0.74   | cps   |
| Thallium   | 203-1 | 283      | 408      | 442      | 378      | 22.10  | cps   |
| Thallium   | 205-1 | 842      | 833      | 833      | 836      | 0.58   | cps   |
| Tin        | 118-1 | 2050     | 1917     | 1975     | 1981     | 3.38   | cps   |
| Titanium   | 47-1  | 1092     | 1017     | 900      | 1003     | 9.63   | cps   |
| Uranium    | 238-1 | 592      | 667      | 567      | 608      | 8.55   | cps   |
| Vanadium   | 51-2  | 277      | 257      | 303      | 279      | 8.40   | cps   |
| Yttrium    | 89-1  | 13793904 | 13745922 | 13707180 | 13749002 | 0.32   | cps   |
| Yttrium    | 89-2  | 2213791  | 2217335  | 2215936  | 2215687  | 0.08   | cps   |
| Zinc       | 66-2  | 60987    | 60893    | 60431    | 60770    | 0.49   | cps   |
| Zirconium  | 90-1  | 2050     | 2292     | 1959     | 2100     | 8.21   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-15              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-15-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:06:21   | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 375  | 417  | 308  | 367     | 14.90  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-16 Instrumnet Name : P7  
 Client Sample ID : DC24741-16-BS-CL108-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:09:44 DataFile Name : 039SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 44258    | 43490    | 43706    | 43818    | 0.90   | cps   |
| Antimony   | 121-1 | 975      | 825      | 792      | 864      | 11.30  | cps   |
| Arsenic    | 75-2  | 180      | 207      | 233      | 207      | 12.99  | cps   |
| Barium     | 135-1 | 71007    | 71568    | 73168    | 71914    | 1.56   | cps   |
| Barium     | 137-1 | 126170   | 125016   | 125117   | 125434   | 0.51   | cps   |
| Beryllium  | 9-1   | 33       | 56       | 39       | 43       | 27.16  | cps   |
| Bismuth    | 209-1 | 11356826 | 11128872 | 11176512 | 11220737 | 1.07   | cps   |
| Bismuth    | 209-2 | 7141857  | 7015952  | 7109779  | 7089196  | 0.92   | cps   |
| Boron      | 10-1  | 1784     | 1975     | 1967     | 1909     | 5.68   | cps   |
| Boron      | 11-1  | 10237    | 9970     | 10104    | 10104    | 1.32   | cps   |
| Cadmium    | 111-1 | 2465     | 2604     | 2271     | 2447     | 6.84   | cps   |
| Cadmium    | 106-1 | 3442     | 3692     | 3217     | 3451     | 6.89   | cps   |
| Cadmium    | 108-1 | 17       | 38       | 8        | 21       | 72.12  | cps   |
| Calcium    | 43-1  | 267790   | 264740   | 266711   | 266414   | 0.58   | cps   |
| Calcium    | 44-1  | 4426981  | 4403844  | 4415659  | 4415495  | 0.26   | cps   |
| Chromium   | 52-2  | 2217     | 2130     | 2164     | 2170     | 2.01   | cps   |
| Cobalt     | 59-2  | 640      | 740      | 627      | 669      | 9.26   | cps   |
| Copper     | 63-2  | 785138   | 781360   | 781426   | 782642   | 0.28   | cps   |
| Dysprosium | 156-1 | 133      | 92       | 133      | 119      | 20.14  | cps   |
| Dysprosium | 156-2 | 80       | 87       | 77       | 81       | 6.28   | cps   |
| Erbium     | 164-1 | 200      | 192      | 192      | 194      | 2.47   | cps   |
| Erbium     | 164-2 | 83       | 70       | 73       | 76       | 9.19   | cps   |
| Gadolinium | 160-1 | 242      | 192      | 225      | 219      | 11.60  | cps   |
| Gadolinium | 160-2 | 180      | 220      | 220      | 207      | 11.18  | cps   |
| Holmium    | 165-1 | 16968526 | 17175422 | 16935772 | 17026573 | 0.76   | cps   |
| Holmium    | 165-2 | 8920803  | 8954941  | 8921905  | 8932549  | 0.22   | cps   |
| Indium     | 115-1 | 13160288 | 13103089 | 13061753 | 13108377 | 0.38   | cps   |
| Indium     | 115-2 | 2801190  | 2805521  | 2809378  | 2805363  | 0.15   | cps   |
| Iron       | 56-2  | 441804   | 433807   | 431739   | 435783   | 1.22   | cps   |
| Iron       | 57-2  | 11744    | 11410    | 11777    | 11644    | 1.74   | cps   |
| Lead       | 206-1 | 8725     | 8709     | 8653     | 8696     | 0.44   | cps   |
| Lead       | 207-1 | 7380     | 6813     | 7147     | 7113     | 4.01   | cps   |
| Lead       | 208-1 | 33807    | 33640    | 34452    | 33966    | 1.26   | cps   |
| Lithium    | 6-1   | 1880265  | 1882092  | 1866168  | 1876175  | 0.46   | cps   |
| Magnesium  | 24-2  | 533744   | 531099   | 532361   | 532401   | 0.25   | cps   |
| Manganese  | 55-2  | 72494    | 71426    | 71563    | 71828    | 0.81   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-16              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-16-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:09:44   | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 892      | 992      | 858      | 914      | 7.59   | cps   |
| Molybdenum | 95-1  | 483      | 317      | 392      | 397      | 21.01  | cps   |
| Molybdenum | 96-1  | 458      | 542      | 575      | 525      | 11.45  | cps   |
| Molybdenum | 97-1  | 242      | 267      | 292      | 267      | 9.37   | cps   |
| Molybdenum | 98-1  | 650      | 667      | 583      | 633      | 6.96   | cps   |
| Neodymium  | 150-1 | 100      | 73       | 160      | 111      | 39.95  | cps   |
| Neodymium  | 150-2 | 83       | 40       | 27       | 50       | 59.26  | cps   |
| Nickel     | 60-2  | 1200     | 1240     | 1217     | 1219     | 1.65   | cps   |
| Phosphorus | 31-2  | 7269     | 7302     | 7469     | 7347     | 1.46   | cps   |
| Potassium  | 39-2  | 271866   | 267919   | 271170   | 270318   | 0.78   | cps   |
| Rhodium    | 103-1 | 12430537 | 12296948 | 12320979 | 12349488 | 0.58   | cps   |
| Rhodium    | 103-2 | 6101230  | 6071518  | 6076674  | 6083141  | 0.26   | cps   |
| Scandium   | 45-1  | 8480218  | 8439900  | 8380976  | 8433698  | 0.59   | cps   |
| Scandium   | 45-2  | 433790   | 435770   | 441362   | 436974   | 0.90   | cps   |
| Selenium   | 77-2  | 10       | 0        | 0        | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 102      | 115      | 93       | 103      | 10.83  | cps   |
| Selenium   | 82-1  | 72       | 21       | 48       | 47       | 53.99  | cps   |
| Silicon    | 28-1  | 9444650  | 9405310  | 9366154  | 9405372  | 0.42   | cps   |
| Silver     | 109-1 | 150      | 175      | 158      | 161      | 7.90   | cps   |
| Silver     | 107-1 | 258      | 258      | 183      | 233      | 18.56  | cps   |
| Sodium     | 23-2  | 8658542  | 8473046  | 8621694  | 8584427  | 1.14   | cps   |
| Strontium  | 86-1  | 99444    | 97396    | 100131   | 98990    | 1.44   | cps   |
| Strontium  | 88-1  | 863643   | 847717   | 845566   | 852308   | 1.16   | cps   |
| Sulfur     | 34-1  | 513696   | 516134   | 509870   | 513233   | 0.62   | cps   |
| Terbium    | 159-1 | 17706270 | 17511888 | 17230777 | 17482978 | 1.37   | cps   |
| Terbium    | 159-2 | 8981691  | 8983540  | 9092867  | 9019366  | 0.71   | cps   |
| Thallium   | 203-1 | 400      | 350      | 383      | 378      | 6.74   | cps   |
| Thallium   | 205-1 | 833      | 933      | 1008     | 925      | 9.49   | cps   |
| Tin        | 118-1 | 5618     | 5676     | 5451     | 5582     | 2.09   | cps   |
| Titanium   | 47-1  | 1183     | 1233     | 1367     | 1261     | 7.52   | cps   |
| Uranium    | 238-1 | 867      | 825      | 692      | 795      | 11.51  | cps   |
| Vanadium   | 51-2  | 390      | 363      | 420      | 391      | 7.25   | cps   |
| Yttrium    | 89-1  | 13751086 | 13454222 | 13557054 | 13587454 | 1.11   | cps   |
| Yttrium    | 89-2  | 2181422  | 2171796  | 2185972  | 2179730  | 0.33   | cps   |
| Zinc       | 66-2  | 17781    | 18328    | 17774    | 17961    | 1.77   | cps   |
| Zirconium  | 90-1  | 1984     | 2434     | 2167     | 2195     | 10.31  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-16              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-16-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:09:44   | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 617  | 475  | 542  | 544     | 13.02  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV67               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV67               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:13:08 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 850      | 892      | 1025     | 922      | 9.91   | cps   |
| Antimony   | 121-1 | 400      | 217      | 408      | 342      | 31.71  | cps   |
| Arsenic    | 75-2  | 11       | 13       | 4        | 9        | 52.94  | cps   |
| Barium     | 135-1 | 42       | 75       | 50       | 56       | 31.22  | cps   |
| Barium     | 137-1 | 117      | 92       | 83       | 97       | 17.84  | cps   |
| Beryllium  | 9-1   | 33       | 50       | 44       | 43       | 19.93  | cps   |
| Bismuth    | 209-1 | 10868401 | 10745537 | 10720778 | 10778238 | 0.73   | cps   |
| Bismuth    | 209-2 | 6720741  | 6782420  | 6802961  | 6768707  | 0.63   | cps   |
| Boron      | 10-1  | 500      | 517      | 467      | 494      | 5.15   | cps   |
| Boron      | 11-1  | 2884     | 2775     | 2834     | 2831     | 1.92   | cps   |
| Cadmium    | 111-1 | 2122     | 2483     | 2182     | 2262     | 8.57   | cps   |
| Cadmium    | 106-1 | 3025     | 3542     | 3092     | 3220     | 8.73   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 17       | 14       | 17.33  | cps   |
| Calcium    | 43-1  | 1033     | 1083     | 867      | 995      | 11.41  | cps   |
| Calcium    | 44-1  | 25556    | 24797    | 26058    | 25470    | 2.49   | cps   |
| Chromium   | 52-2  | 1817     | 1793     | 1857     | 1822     | 1.76   | cps   |
| Cobalt     | 59-2  | 117      | 153      | 137      | 136      | 13.54  | cps   |
| Copper     | 63-2  | 1293     | 1433     | 1467     | 1398     | 6.58   | cps   |
| Dysprosium | 156-1 | 33       | 17       | 8        | 19       | 65.47  | cps   |
| Dysprosium | 156-2 | 10       | 13       | 3        | 9        | 57.30  | cps   |
| Erbium     | 164-1 | 75       | 50       | 67       | 64       | 19.92  | cps   |
| Erbium     | 164-2 | 30       | 47       | 17       | 31       | 48.31  | cps   |
| Gadolinium | 160-1 | 67       | 108      | 117      | 97       | 27.55  | cps   |
| Gadolinium | 160-2 | 127      | 120      | 107      | 118      | 8.65   | cps   |
| Holmium    | 165-1 | 16111152 | 16070563 | 16157544 | 16113086 | 0.27   | cps   |
| Holmium    | 165-2 | 8614644  | 8561260  | 8651374  | 8609092  | 0.53   | cps   |
| Indium     | 115-1 | 12471352 | 12357335 | 12553895 | 12460861 | 0.79   | cps   |
| Indium     | 115-2 | 2679102  | 2685668  | 2676809  | 2680527  | 0.17   | cps   |
| Iron       | 56-2  | 7875     | 7869     | 8686     | 8143     | 5.78   | cps   |
| Iron       | 57-2  | 428      | 278      | 417      | 374      | 22.34  | cps   |
| Lead       | 206-1 | 7422034  | 7367596  | 7318541  | 7369391  | 0.70   | cps   |
| Lead       | 207-1 | 6630101  | 6581380  | 6520011  | 6577164  | 0.84   | cps   |
| Lead       | 208-1 | 30157440 | 29912697 | 29687657 | 29919265 | 0.79   | cps   |
| Lithium    | 6-1   | 1793858  | 1760192  | 1779532  | 1777860  | 0.95   | cps   |
| Magnesium  | 24-2  | 483      | 500      | 650      | 544      | 16.86  | cps   |
| Manganese  | 55-2  | 137      | 107      | 123      | 122      | 12.30  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV67               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV67               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:13:08 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 375      | 275      | 408      | 353      | 19.67   | cps   |
| Molybdenum | 95-1  | 242      | 275      | 242      | 253      | 7.61    | cps   |
| Molybdenum | 96-1  | 333      | 283      | 333      | 317      | 9.12    | cps   |
| Molybdenum | 97-1  | 217      | 158      | 267      | 214      | 25.35   | cps   |
| Molybdenum | 98-1  | 308      | 342      | 342      | 331      | 5.82    | cps   |
| Neodymium  | 150-1 | 27       | 7        | 0        | 11       | 124.89  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 0        | 2        | 173.21  | cps   |
| Nickel     | 60-2  | 83       | 107      | 83       | 91       | 14.79   | cps   |
| Phosphorus | 31-2  | 342      | 342      | 350      | 344      | 1.40    | cps   |
| Potassium  | 39-2  | 42971    | 44368    | 44426    | 43922    | 1.87    | cps   |
| Rhodium    | 103-1 | 11909111 | 11823522 | 11833615 | 11855416 | 0.39    | cps   |
| Rhodium    | 103-2 | 5858571  | 5859960  | 5877566  | 5865366  | 0.18    | cps   |
| Scandium   | 45-1  | 7995886  | 7987245  | 8000731  | 7994621  | 0.09    | cps   |
| Scandium   | 45-2  | 424976   | 423937   | 424179   | 424364   | 0.13    | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60   | cps   |
| Selenium   | 78-2  | 102      | 100      | 83       | 95       | 10.73   | cps   |
| Selenium   | 82-1  | -69      | 25       | 25       | -6       | -878.40 | cps   |
| Silicon    | 28-1  | 603690   | 604562   | 613013   | 607088   | 0.85    | cps   |
| Silver     | 109-1 | 142      | 108      | 133      | 128      | 13.57   | cps   |
| Silver     | 107-1 | 225      | 217      | 250      | 231      | 7.52    | cps   |
| Sodium     | 23-2  | 45010    | 44860    | 44651    | 44840    | 0.40    | cps   |
| Strontium  | 86-1  | 1567     | 1792     | 1709     | 1689     | 6.74    | cps   |
| Strontium  | 88-1  | 867      | 1050     | 1000     | 972      | 9.75    | cps   |
| Sulfur     | 34-1  | 413016   | 411319   | 421000   | 415112   | 1.25    | cps   |
| Terbium    | 159-1 | 16484402 | 16594065 | 16688836 | 16589101 | 0.62    | cps   |
| Terbium    | 159-2 | 8543212  | 8601906  | 8672941  | 8606020  | 0.75    | cps   |
| Thallium   | 203-1 | 367      | 333      | 367      | 356      | 5.41    | cps   |
| Thallium   | 205-1 | 917      | 950      | 833      | 900      | 6.68    | cps   |
| Tin        | 118-1 | 1317     | 1183     | 1400     | 1300     | 8.41    | cps   |
| Titanium   | 47-1  | 292      | 208      | 200      | 233      | 21.72   | cps   |
| Uranium    | 238-1 | 292      | 367      | 417      | 358      | 17.56   | cps   |
| Vanadium   | 51-2  | 47       | 47       | 33       | 42       | 18.24   | cps   |
| Yttrium    | 89-1  | 12913229 | 12767669 | 12813504 | 12831467 | 0.58    | cps   |
| Yttrium    | 89-2  | 2102828  | 2087400  | 2103586  | 2097938  | 0.44    | cps   |
| Zinc       | 66-2  | 427      | 417      | 470      | 438      | 6.48    | cps   |
| Zirconium  | 90-1  | 842      | 700      | 933      | 825      | 14.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV67               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV67               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:13:08 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 192  | 142  | 192     | 26.09  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB67               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB67               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:16:31 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 275      | 300      | 333      | 303      | 9.66   | cps   |
| Antimony   | 121-1 | 167      | 250      | 192      | 203      | 21.09  | cps   |
| Arsenic    | 75-2  | 7        | 13       | 9        | 10       | 28.61  | cps   |
| Barium     | 135-1 | 75       | 75       | 50       | 67       | 21.65  | cps   |
| Barium     | 137-1 | 117      | 100      | 92       | 103      | 12.39  | cps   |
| Beryllium  | 9-1   | 33       | 39       | 33       | 35       | 9.12   | cps   |
| Bismuth    | 209-1 | 10843865 | 10767426 | 10754123 | 10788471 | 0.45   | cps   |
| Bismuth    | 209-2 | 6690833  | 6620992  | 6749136  | 6686987  | 0.96   | cps   |
| Boron      | 10-1  | 492      | 533      | 458      | 494      | 7.60   | cps   |
| Boron      | 11-1  | 2392     | 2384     | 2067     | 2281     | 8.12   | cps   |
| Cadmium    | 111-1 | 2191     | 2288     | 2189     | 2223     | 2.56   | cps   |
| Cadmium    | 106-1 | 3151     | 3276     | 3134     | 3187     | 2.43   | cps   |
| Cadmium    | 108-1 | 21       | 13       | 25       | 19       | 32.73  | cps   |
| Calcium    | 43-1  | 425      | 350      | 442      | 406      | 12.04  | cps   |
| Calcium    | 44-1  | 17369    | 18045    | 17444    | 17620    | 2.10   | cps   |
| Chromium   | 52-2  | 1833     | 1877     | 1930     | 1880     | 2.58   | cps   |
| Cobalt     | 59-2  | 117      | 90       | 83       | 97       | 18.25  | cps   |
| Copper     | 63-2  | 1347     | 1190     | 1310     | 1282     | 6.39   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 25       | 14       | 91.65  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 17       | 33       | 50       | 33       | 50.00  | cps   |
| Erbium     | 164-2 | 13       | 30       | 43       | 29       | 52.03  | cps   |
| Gadolinium | 160-1 | 83       | 150      | 125      | 119      | 28.20  | cps   |
| Gadolinium | 160-2 | 147      | 113      | 110      | 123      | 16.44  | cps   |
| Holmium    | 165-1 | 16329161 | 16076108 | 16344730 | 16249999 | 0.93   | cps   |
| Holmium    | 165-2 | 8621578  | 8479106  | 8684476  | 8595053  | 1.22   | cps   |
| Indium     | 115-1 | 12565371 | 12550185 | 12638557 | 12584704 | 0.38   | cps   |
| Indium     | 115-2 | 2693745  | 2657730  | 2704617  | 2685364  | 0.91   | cps   |
| Iron       | 56-2  | 6013     | 5996     | 5535     | 5848     | 4.64   | cps   |
| Iron       | 57-2  | 311      | 311      | 339      | 320      | 5.00   | cps   |
| Lead       | 206-1 | 1406     | 1439     | 1289     | 1378     | 5.72   | cps   |
| Lead       | 207-1 | 1150     | 1250     | 1261     | 1220     | 5.01   | cps   |
| Lead       | 208-1 | 5456     | 5651     | 5717     | 5608     | 2.42   | cps   |
| Lithium    | 6-1   | 1782225  | 1768722  | 1765199  | 1772049  | 0.51   | cps   |
| Magnesium  | 24-2  | 492      | 500      | 467      | 486      | 3.57   | cps   |
| Manganese  | 55-2  | 77       | 33       | 53       | 54       | 39.84  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB67               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB67               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:16:31 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 225      | 358      | 250      | 278      | 25.51  | cps   |
| Molybdenum | 95-1  | 100      | 150      | 117      | 122      | 20.83  | cps   |
| Molybdenum | 96-1  | 183      | 133      | 242      | 186      | 29.13  | cps   |
| Molybdenum | 97-1  | 50       | 125      | 175      | 117      | 53.93  | cps   |
| Molybdenum | 98-1  | 108      | 258      | 167      | 178      | 42.53  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 13       | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 73       | 63       | 63       | 67       | 8.67   | cps   |
| Phosphorus | 31-2  | 283      | 283      | 408      | 325      | 22.21  | cps   |
| Potassium  | 39-2  | 42328    | 42688    | 41685    | 42234    | 1.20   | cps   |
| Rhodium    | 103-1 | 12187548 | 11886498 | 11986981 | 12020342 | 1.28   | cps   |
| Rhodium    | 103-2 | 5932213  | 5842523  | 5926872  | 5900536  | 0.85   | cps   |
| Scandium   | 45-1  | 8107367  | 7948084  | 7998967  | 8018139  | 1.01   | cps   |
| Scandium   | 45-2  | 418440   | 409289   | 423284   | 417004   | 1.70   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 102      | 126      | 124      | 117      | 11.43  | cps   |
| Selenium   | 82-1  | -116     | -62      | -29      | -69      | -64.26 | cps   |
| Silicon    | 28-1  | 582054   | 581475   | 584750   | 582760   | 0.30   | cps   |
| Silver     | 109-1 | 108      | 100      | 100      | 103      | 4.68   | cps   |
| Silver     | 107-1 | 133      | 150      | 167      | 150      | 11.11  | cps   |
| Sodium     | 23-2  | 43122    | 43548    | 42444    | 43038    | 1.29   | cps   |
| Strontium  | 86-1  | 1784     | 1617     | 1909     | 1770     | 8.27   | cps   |
| Strontium  | 88-1  | 1367     | 1684     | 1325     | 1458     | 13.44  | cps   |
| Sulfur     | 34-1  | 421152   | 417183   | 422009   | 420115   | 0.61   | cps   |
| Terbium    | 159-1 | 16737377 | 16699586 | 16765039 | 16734000 | 0.20   | cps   |
| Terbium    | 159-2 | 8630517  | 8535464  | 8684390  | 8616790  | 0.88   | cps   |
| Thallium   | 203-1 | 350      | 208      | 233      | 264      | 28.65  | cps   |
| Thallium   | 205-1 | 583      | 567      | 708      | 619      | 12.50  | cps   |
| Tin        | 118-1 | 1650     | 1684     | 1458     | 1597     | 7.60   | cps   |
| Titanium   | 47-1  | 192      | 208      | 192      | 197      | 4.88   | cps   |
| Uranium    | 238-1 | 58       | 133      | 100      | 97       | 38.65  | cps   |
| Vanadium   | 51-2  | 7        | 7        | 40       | 18       | 108.23 | cps   |
| Yttrium    | 89-1  | 12987626 | 12849042 | 12870617 | 12902429 | 0.58   | cps   |
| Yttrium    | 89-2  | 2098432  | 2063112  | 2097136  | 2086227  | 0.96   | cps   |
| Zinc       | 66-2  | 157      | 143      | 113      | 138      | 16.11  | cps   |
| Zirconium  | 90-1  | 842      | 817      | 800      | 820      | 2.56   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB67               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB67               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:16:31 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 158  | 142  | 142     | 11.76  | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-17 Instrumnet Name : P7  
 Client Sample ID : DC24741-17-BS-CL108-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:19:57 DataFile Name : 042SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 26938    | 26349    | 26533    | 26607    | 1.13   | cps   |
| Antimony   | 121-1 | 1425     | 1550     | 1700     | 1559     | 8.84   | cps   |
| Arsenic    | 75-2  | 170      | 211      | 167      | 183      | 13.50  | cps   |
| Barium     | 135-1 | 69098    | 68628    | 68595    | 68774    | 0.41   | cps   |
| Barium     | 137-1 | 121251   | 119268   | 118771   | 119763   | 1.10   | cps   |
| Beryllium  | 9-1   | 39       | 39       | 50       | 43       | 15.06  | cps   |
| Bismuth    | 209-1 | 11629090 | 11427840 | 11375142 | 11477357 | 1.17   | cps   |
| Bismuth    | 209-2 | 7224130  | 7247295  | 7260644  | 7244023  | 0.26   | cps   |
| Boron      | 10-1  | 1642     | 1942     | 1650     | 1745     | 9.80   | cps   |
| Boron      | 11-1  | 8594     | 8970     | 9495     | 9020     | 5.02   | cps   |
| Cadmium    | 111-1 | 2600     | 2530     | 2442     | 2524     | 3.13   | cps   |
| Cadmium    | 106-1 | 3601     | 3476     | 3376     | 3484     | 3.24   | cps   |
| Cadmium    | 108-1 | 29       | 33       | 29       | 31       | 7.86   | cps   |
| Calcium    | 43-1  | 278723   | 280061   | 280891   | 279891   | 0.39   | cps   |
| Calcium    | 44-1  | 4617092  | 4638254  | 4625520  | 4626955  | 0.23   | cps   |
| Chromium   | 52-2  | 5815     | 5588     | 5568     | 5657     | 2.42   | cps   |
| Cobalt     | 59-2  | 600      | 637      | 670      | 636      | 5.51   | cps   |
| Copper     | 63-2  | 772532   | 767630   | 775329   | 771830   | 0.50   | cps   |
| Dysprosium | 156-1 | 67       | 117      | 108      | 97       | 27.55  | cps   |
| Dysprosium | 156-2 | 33       | 43       | 33       | 37       | 15.75  | cps   |
| Erbium     | 164-1 | 175      | 192      | 100      | 156      | 31.39  | cps   |
| Erbium     | 164-2 | 47       | 63       | 83       | 64       | 28.49  | cps   |
| Gadolinium | 160-1 | 142      | 183      | 192      | 172      | 15.56  | cps   |
| Gadolinium | 160-2 | 227      | 160      | 167      | 184      | 19.91  | cps   |
| Holmium    | 165-1 | 17487472 | 17449397 | 17265232 | 17400700 | 0.68   | cps   |
| Holmium    | 165-2 | 9189365  | 9272398  | 9183023  | 9214929  | 0.54   | cps   |
| Indium     | 115-1 | 13567777 | 13406482 | 13533369 | 13502543 | 0.63   | cps   |
| Indium     | 115-2 | 2869203  | 2840960  | 2829185  | 2846449  | 0.72   | cps   |
| Iron       | 56-2  | 206263   | 215508   | 204449   | 208740   | 2.84   | cps   |
| Iron       | 57-2  | 6024     | 6257     | 6079     | 6120     | 1.99   | cps   |
| Lead       | 206-1 | 8253     | 7797     | 8131     | 8060     | 2.93   | cps   |
| Lead       | 207-1 | 7074     | 7052     | 6707     | 6945     | 2.96   | cps   |
| Lead       | 208-1 | 32466    | 31582    | 31788    | 31945    | 1.45   | cps   |
| Lithium    | 6-1   | 1920443  | 1901590  | 1899488  | 1907174  | 0.61   | cps   |
| Magnesium  | 24-2  | 560510   | 556606   | 546365   | 554494   | 1.32   | cps   |
| Manganese  | 55-2  | 47283    | 46597    | 47306    | 47062    | 0.86   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-17              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-17-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:19:57   | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1042     | 1468     | 1125     | 1212     | 18.64  | cps   |
| Molybdenum | 95-1  | 375      | 375      | 367      | 372      | 1.29   | cps   |
| Molybdenum | 96-1  | 500      | 492      | 692      | 561      | 20.16  | cps   |
| Molybdenum | 97-1  | 358      | 242      | 300      | 300      | 19.45  | cps   |
| Molybdenum | 98-1  | 717      | 608      | 633      | 653      | 8.69   | cps   |
| Neodymium  | 150-1 | 107      | 107      | 100      | 104      | 3.68   | cps   |
| Neodymium  | 150-2 | 23       | 20       | 33       | 26       | 27.15  | cps   |
| Nickel     | 60-2  | 5191     | 4984     | 5051     | 5075     | 2.08   | cps   |
| Phosphorus | 31-2  | 7577     | 7327     | 7419     | 7441     | 1.70   | cps   |
| Potassium  | 39-2  | 307959   | 301099   | 305748   | 304935   | 1.15   | cps   |
| Rhodium    | 103-1 | 12875353 | 12843266 | 12686686 | 12801768 | 0.79   | cps   |
| Rhodium    | 103-2 | 6232288  | 6220494  | 6233263  | 6228682  | 0.11   | cps   |
| Scandium   | 45-1  | 8552671  | 8618954  | 8536886  | 8569504  | 0.51   | cps   |
| Scandium   | 45-2  | 446204   | 444504   | 447042   | 445917   | 0.29   | cps   |
| Selenium   | 77-2  | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Selenium   | 78-2  | 106      | 109      | 119      | 111      | 6.01   | cps   |
| Selenium   | 82-1  | 109      | 99       | 93       | 101      | 8.03   | cps   |
| Silicon    | 28-1  | 9642258  | 9499465  | 9527550  | 9556425  | 0.79   | cps   |
| Silver     | 109-1 | 133      | 192      | 208      | 178      | 22.15  | cps   |
| Silver     | 107-1 | 250      | 200      | 283      | 244      | 17.16  | cps   |
| Sodium     | 23-2  | 8892947  | 8777129  | 8738270  | 8802782  | 0.91   | cps   |
| Strontium  | 86-1  | 97791    | 98135    | 100659   | 98861    | 1.58   | cps   |
| Strontium  | 88-1  | 865520   | 858154   | 865478   | 863051   | 0.49   | cps   |
| Sulfur     | 34-1  | 526107   | 529706   | 527936   | 527916   | 0.34   | cps   |
| Terbium    | 159-1 | 18246753 | 17843153 | 17907778 | 17999228 | 1.20   | cps   |
| Terbium    | 159-2 | 9310112  | 9145264  | 9166440  | 9207272  | 0.97   | cps   |
| Thallium   | 203-1 | 317      | 292      | 342      | 317      | 7.89   | cps   |
| Thallium   | 205-1 | 958      | 700      | 667      | 775      | 20.60  | cps   |
| Tin        | 118-1 | 3067     | 3117     | 2975     | 3053     | 2.35   | cps   |
| Titanium   | 47-1  | 967      | 1108     | 1100     | 1058     | 7.51   | cps   |
| Uranium    | 238-1 | 633      | 675      | 533      | 614      | 11.86  | cps   |
| Vanadium   | 51-2  | 300      | 213      | 257      | 257      | 16.88  | cps   |
| Yttrium    | 89-1  | 13962470 | 13870123 | 13758415 | 13863669 | 0.74   | cps   |
| Yttrium    | 89-2  | 2231529  | 2213617  | 2219654  | 2221600  | 0.41   | cps   |
| Zinc       | 66-2  | 112812   | 113356   | 114652   | 113607   | 0.83   | cps   |
| Zirconium  | 90-1  | 2175     | 2042     | 2217     | 2145     | 4.26   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-17              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-17-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:19:57   | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 458  | 533  | 453     | 18.44  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-18              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-18-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:23:21   | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 11697    | 11722    | 10971    | 11464    | 3.72   | cps   |
| Antimony   | 121-1 | 1358     | 1233     | 1450     | 1347     | 8.07   | cps   |
| Arsenic    | 75-2  | 278      | 269      | 243      | 263      | 6.93   | cps   |
| Barium     | 135-1 | 102133   | 99841    | 101319   | 101098   | 1.15   | cps   |
| Barium     | 137-1 | 178789   | 177480   | 173495   | 176588   | 1.56   | cps   |
| Beryllium  | 9-1   | 61       | 83       | 50       | 65       | 26.19  | cps   |
| Bismuth    | 209-1 | 11353635 | 11203938 | 11324779 | 11294117 | 0.70   | cps   |
| Bismuth    | 209-2 | 7161889  | 7103943  | 7341894  | 7202575  | 1.72   | cps   |
| Boron      | 10-1  | 1667     | 1825     | 1684     | 1725     | 5.04   | cps   |
| Boron      | 11-1  | 9145     | 9587     | 9287     | 9339     | 2.42   | cps   |
| Cadmium    | 111-1 | 2468     | 2617     | 2625     | 2570     | 3.44   | cps   |
| Cadmium    | 106-1 | 3459     | 3626     | 3634     | 3573     | 2.76   | cps   |
| Cadmium    | 108-1 | 17       | 13       | 21       | 17       | 24.99  | cps   |
| Calcium    | 43-1  | 277361   | 272943   | 272926   | 274410   | 0.93   | cps   |
| Calcium    | 44-1  | 4611055  | 4526679  | 4494598  | 4544111  | 1.32   | cps   |
| Chromium   | 52-2  | 2234     | 2317     | 2344     | 2298     | 2.50   | cps   |
| Cobalt     | 59-2  | 1003     | 927      | 920      | 950      | 4.88   | cps   |
| Copper     | 63-2  | 6287445  | 6314328  | 6207969  | 6269914  | 0.88   | cps   |
| Dysprosium | 156-1 | 542      | 550      | 400      | 497      | 16.95  | cps   |
| Dysprosium | 156-2 | 270      | 310      | 283      | 288      | 7.08   | cps   |
| Erbium     | 164-1 | 583      | 508      | 400      | 497      | 18.54  | cps   |
| Erbium     | 164-2 | 257      | 297      | 233      | 262      | 12.22  | cps   |
| Gadolinium | 160-1 | 700      | 683      | 742      | 708      | 4.24   | cps   |
| Gadolinium | 160-2 | 430      | 467      | 417      | 438      | 5.91   | cps   |
| Holmium    | 165-1 | 17262089 | 17133609 | 17126324 | 17174008 | 0.44   | cps   |
| Holmium    | 165-2 | 9037199  | 9087891  | 9198446  | 9107846  | 0.91   | cps   |
| Indium     | 115-1 | 13274393 | 13279488 | 13358487 | 13304123 | 0.35   | cps   |
| Indium     | 115-2 | 2820722  | 2822569  | 2845901  | 2829731  | 0.50   | cps   |
| Iron       | 56-2  | 1971938  | 1971241  | 1973744  | 1972308  | 0.07   | cps   |
| Iron       | 57-2  | 49055    | 49740    | 49422    | 49406    | 0.69   | cps   |
| Lead       | 206-1 | 15109    | 14714    | 14542    | 14788    | 1.97   | cps   |
| Lead       | 207-1 | 12056    | 12456    | 12139    | 12217    | 1.73   | cps   |
| Lead       | 208-1 | 58385    | 57973    | 56181    | 57513    | 2.04   | cps   |
| Lithium    | 6-1   | 1924070  | 1896465  | 1910042  | 1910192  | 0.72   | cps   |
| Magnesium  | 24-2  | 534450   | 534729   | 541446   | 536875   | 0.74   | cps   |
| Manganese  | 55-2  | 467643   | 464873   | 470926   | 467814   | 0.65   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-18              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-18-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:23:21   | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1217     | 1225     | 1625     | 1356     | 17.22  | cps   |
| Molybdenum | 95-1  | 275      | 200      | 225      | 233      | 16.37  | cps   |
| Molybdenum | 96-1  | 550      | 375      | 400      | 442      | 21.43  | cps   |
| Molybdenum | 97-1  | 267      | 183      | 200      | 217      | 20.35  | cps   |
| Molybdenum | 98-1  | 333      | 275      | 350      | 319      | 12.33  | cps   |
| Neodymium  | 150-1 | 607      | 500      | 540      | 549      | 9.82   | cps   |
| Neodymium  | 150-2 | 150      | 207      | 187      | 181      | 15.87  | cps   |
| Nickel     | 60-2  | 1543     | 1447     | 1413     | 1468     | 4.60   | cps   |
| Phosphorus | 31-2  | 9587     | 9704     | 9445     | 9578     | 1.35   | cps   |
| Potassium  | 39-2  | 276627   | 274524   | 276810   | 275987   | 0.46   | cps   |
| Rhodium    | 103-1 | 12585048 | 12592967 | 12605875 | 12594630 | 0.08   | cps   |
| Rhodium    | 103-2 | 6249912  | 6165075  | 6191151  | 6202046  | 0.70   | cps   |
| Scandium   | 45-1  | 8454402  | 8259597  | 8457041  | 8390347  | 1.35   | cps   |
| Scandium   | 45-2  | 443642   | 445111   | 454421   | 447725   | 1.31   | cps   |
| Selenium   | 77-2  | 0        | 13       | 0        | 4        | 173.21 | cps   |
| Selenium   | 78-2  | 128      | 115      | 119      | 120      | 5.55   | cps   |
| Selenium   | 82-1  | 64       | 19       | -22      | 20       | 215.16 | cps   |
| Silicon    | 28-1  | 9925900  | 9841473  | 9797184  | 9854852  | 0.66   | cps   |
| Silver     | 109-1 | 225      | 317      | 175      | 239      | 30.07  | cps   |
| Silver     | 107-1 | 300      | 367      | 300      | 322      | 11.94  | cps   |
| Sodium     | 23-2  | 8938653  | 8915093  | 8989204  | 8947650  | 0.42   | cps   |
| Strontium  | 86-1  | 100770   | 100173   | 100443   | 100462   | 0.30   | cps   |
| Strontium  | 88-1  | 870741   | 858026   | 869868   | 866212   | 0.82   | cps   |
| Sulfur     | 34-1  | 530616   | 535951   | 534887   | 533818   | 0.53   | cps   |
| Terbium    | 159-1 | 17634576 | 17698504 | 17778760 | 17703947 | 0.41   | cps   |
| Terbium    | 159-2 | 9137747  | 8986648  | 9141299  | 9088564  | 0.97   | cps   |
| Thallium   | 203-1 | 475      | 500      | 467      | 481      | 3.61   | cps   |
| Thallium   | 205-1 | 1017     | 1117     | 942      | 1025     | 8.57   | cps   |
| Tin        | 118-1 | 15651    | 16385    | 16352    | 16129    | 2.57   | cps   |
| Titanium   | 47-1  | 4768     | 4092     | 4559     | 4473     | 7.73   | cps   |
| Uranium    | 238-1 | 3492     | 3592     | 3401     | 3495     | 2.74   | cps   |
| Vanadium   | 51-2  | 600      | 673      | 597      | 623      | 6.95   | cps   |
| Yttrium    | 89-1  | 13630177 | 13533215 | 13706329 | 13623240 | 0.64   | cps   |
| Yttrium    | 89-2  | 2206530  | 2200148  | 2227072  | 2211250  | 0.64   | cps   |
| Zinc       | 66-2  | 9493     | 9223     | 9163     | 9293     | 1.89   | cps   |
| Zirconium  | 90-1  | 3109     | 3634     | 6988     | 4577     | 45.98  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-18              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-18-BS-CL108-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:23:21   | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 817  | 817  | 825  | 820     | 0.59   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-19 Instrumnet Name : P7  
 Client Sample ID : DC24741-19-BS-CL110-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:26:44 DataFile Name : 044SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3809     | 4209     | 3492     | 3837     | 9.36   | cps   |
| Antimony   | 121-1 | 6944     | 6519     | 6585     | 6682     | 3.42   | cps   |
| Arsenic    | 75-2  | 191      | 152      | 167      | 170      | 11.56  | cps   |
| Barium     | 135-1 | 93640    | 93354    | 92146    | 93047    | 0.85   | cps   |
| Barium     | 137-1 | 161310   | 160165   | 160113   | 160529   | 0.42   | cps   |
| Beryllium  | 9-1   | 39       | 33       | 22       | 31       | 26.96  | cps   |
| Bismuth    | 209-1 | 11494304 | 11468259 | 11359327 | 11440630 | 0.63   | cps   |
| Bismuth    | 209-2 | 7133918  | 7224925  | 7282899  | 7213914  | 1.04   | cps   |
| Boron      | 10-1  | 1817     | 1583     | 1684     | 1695     | 6.91   | cps   |
| Boron      | 11-1  | 9470     | 10037    | 9478     | 9662     | 3.36   | cps   |
| Cadmium    | 111-1 | 3571     | 3673     | 3851     | 3698     | 3.84   | cps   |
| Cadmium    | 106-1 | 3634     | 3692     | 3917     | 3748     | 3.99   | cps   |
| Cadmium    | 108-1 | 117      | 171      | 113      | 133      | 24.41  | cps   |
| Calcium    | 43-1  | 314168   | 315809   | 306663   | 312213   | 1.56   | cps   |
| Calcium    | 44-1  | 5233976  | 5184116  | 5145679  | 5187924  | 0.85   | cps   |
| Chromium   | 52-2  | 1760     | 1560     | 1613     | 1645     | 6.30   | cps   |
| Cobalt     | 59-2  | 1857     | 1890     | 2054     | 1933     | 5.44   | cps   |
| Copper     | 63-2  | 3317851  | 3361426  | 3341898  | 3340392  | 0.65   | cps   |
| Dysprosium | 156-1 | 42       | 50       | 42       | 44       | 10.82  | cps   |
| Dysprosium | 156-2 | 23       | 20       | 17       | 20       | 16.65  | cps   |
| Erbium     | 164-1 | 100      | 75       | 58       | 78       | 26.96  | cps   |
| Erbium     | 164-2 | 33       | 50       | 40       | 41       | 20.41  | cps   |
| Gadolinium | 160-1 | 208      | 108      | 58       | 125      | 61.10  | cps   |
| Gadolinium | 160-2 | 143      | 173      | 140      | 152      | 12.06  | cps   |
| Holmium    | 165-1 | 17282002 | 17471173 | 17295326 | 17349500 | 0.61   | cps   |
| Holmium    | 165-2 | 9018798  | 9143207  | 9113584  | 9091863  | 0.71   | cps   |
| Indium     | 115-1 | 13493363 | 13365567 | 13228911 | 13362614 | 0.99   | cps   |
| Indium     | 115-2 | 2827233  | 2816438  | 2818353  | 2820675  | 0.20   | cps   |
| Iron       | 56-2  | 55239    | 54334    | 54038    | 54537    | 1.15   | cps   |
| Iron       | 57-2  | 2084     | 2300     | 2234     | 2206     | 5.03   | cps   |
| Lead       | 206-1 | 26822    | 26900    | 26143    | 26622    | 1.56   | cps   |
| Lead       | 207-1 | 23655    | 22464    | 22781    | 22967    | 2.69   | cps   |
| Lead       | 208-1 | 106914   | 105466   | 104713   | 105698   | 1.06   | cps   |
| Lithium    | 6-1   | 1916340  | 1906406  | 1898617  | 1907121  | 0.47   | cps   |
| Magnesium  | 24-2  | 593202   | 586535   | 590898   | 590212   | 0.57   | cps   |
| Manganese  | 55-2  | 41014    | 40733    | 40753    | 40833    | 0.38   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-19 Instrumnet Name : P7  
 Client Sample ID : DC24741-19-BS-CL110-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:26:44 DataFile Name : 044SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 900      | 850      | 783      | 845      | 6.93   | cps   |
| Molybdenum | 95-1  | 600      | 708      | 625      | 644      | 8.80   | cps   |
| Molybdenum | 96-1  | 717      | 700      | 717      | 711      | 1.35   | cps   |
| Molybdenum | 97-1  | 508      | 383      | 417      | 436      | 14.84  | cps   |
| Molybdenum | 98-1  | 1058     | 908      | 975      | 981      | 7.66   | cps   |
| Neodymium  | 150-1 | 20       | 27       | 13       | 20       | 33.35  | cps   |
| Neodymium  | 150-2 | 23       | 10       | 10       | 14       | 53.28  | cps   |
| Nickel     | 60-2  | 222343   | 221458   | 222976   | 222259   | 0.34   | cps   |
| Phosphorus | 31-2  | 1150     | 1283     | 1283     | 1239     | 6.21   | cps   |
| Potassium  | 39-2  | 286501   | 289074   | 287936   | 287837   | 0.45   | cps   |
| Rhodium    | 103-1 | 12767518 | 12776183 | 12447216 | 12663639 | 1.48   | cps   |
| Rhodium    | 103-2 | 6169012  | 6205324  | 6242881  | 6205739  | 0.60   | cps   |
| Scandium   | 45-1  | 8564550  | 8589017  | 8659938  | 8604502  | 0.58   | cps   |
| Scandium   | 45-2  | 444764   | 443861   | 444156   | 444260   | 0.10   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 98       | 117      | 87       | 101      | 14.88  | cps   |
| Selenium   | 82-1  | 129      | -26      | -25      | 26       | 339.98 | cps   |
| Silicon    | 28-1  | 8257108  | 8178667  | 8205127  | 8213634  | 0.49   | cps   |
| Silver     | 109-1 | 592      | 642      | 650      | 628      | 5.03   | cps   |
| Silver     | 107-1 | 600      | 667      | 825      | 697      | 16.58  | cps   |
| Sodium     | 23-2  | 8880453  | 8834490  | 8843450  | 8852798  | 0.28   | cps   |
| Strontium  | 86-1  | 117863   | 118058   | 116463   | 117461   | 0.74   | cps   |
| Strontium  | 88-1  | 1043583  | 1032047  | 1030799  | 1035476  | 0.68   | cps   |
| Sulfur     | 34-1  | 537127   | 536448   | 537284   | 536953   | 0.08   | cps   |
| Terbium    | 159-1 | 17978721 | 17799539 | 17663386 | 17813882 | 0.89   | cps   |
| Terbium    | 159-2 | 9027709  | 9005316  | 9210350  | 9081125  | 1.24   | cps   |
| Thallium   | 203-1 | 525      | 417      | 500      | 481      | 11.80  | cps   |
| Thallium   | 205-1 | 1017     | 1225     | 1033     | 1092     | 10.61  | cps   |
| Tin        | 118-1 | 1825     | 1725     | 1850     | 1800     | 3.68   | cps   |
| Titanium   | 47-1  | 308      | 400      | 659      | 456      | 39.87  | cps   |
| Uranium    | 238-1 | 350      | 367      | 442      | 386      | 12.65  | cps   |
| Vanadium   | 51-2  | 117      | 107      | 123      | 116      | 7.26   | cps   |
| Yttrium    | 89-1  | 13913313 | 13730951 | 13590994 | 13745086 | 1.18   | cps   |
| Yttrium    | 89-2  | 2196338  | 2209873  | 2209763  | 2205325  | 0.35   | cps   |
| Zinc       | 66-2  | 1007854  | 1015841  | 1007117  | 1010271  | 0.48   | cps   |
| Zirconium  | 90-1  | 1725     | 1659     | 1392     | 1592     | 11.08  | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-19              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-19-BS-CL110-\ | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:26:44   | DataFile Name :   | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 392  | 400  | 300  | 364     | 15.25  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-20 Instrumnet Name : P7  
 Client Sample ID : DC24741-20-BS-CL110-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:30:07 DataFile Name : 045SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 35243    | 35627    | 36136    | 35669    | 1.26   | cps   |
| Antimony   | 121-1 | 1400     | 958      | 1233     | 1197     | 18.63  | cps   |
| Arsenic    | 75-2  | 185      | 200      | 222      | 202      | 9.21   | cps   |
| Barium     | 135-1 | 75673    | 75540    | 74399    | 75204    | 0.93   | cps   |
| Barium     | 137-1 | 131922   | 128592   | 130416   | 130310   | 1.28   | cps   |
| Beryllium  | 9-1   | 33       | 28       | 56       | 39       | 37.80  | cps   |
| Bismuth    | 209-1 | 11515121 | 11426279 | 11272784 | 11404728 | 1.07   | cps   |
| Bismuth    | 209-2 | 7113501  | 7174261  | 7111317  | 7133026  | 0.50   | cps   |
| Boron      | 10-1  | 1717     | 1767     | 1617     | 1700     | 4.49   | cps   |
| Boron      | 11-1  | 8703     | 8786     | 8586     | 8692     | 1.16   | cps   |
| Cadmium    | 111-1 | 2342     | 2500     | 2320     | 2388     | 4.12   | cps   |
| Cadmium    | 106-1 | 3276     | 3517     | 3276     | 3356     | 4.16   | cps   |
| Cadmium    | 108-1 | 13       | 17       | 21       | 17       | 24.99  | cps   |
| Calcium    | 43-1  | 274837   | 270108   | 272850   | 272598   | 0.87   | cps   |
| Calcium    | 44-1  | 4505956  | 4503186  | 4490202  | 4499781  | 0.19   | cps   |
| Chromium   | 52-2  | 2060     | 2190     | 2327     | 2192     | 6.08   | cps   |
| Cobalt     | 59-2  | 533      | 530      | 460      | 508      | 8.16   | cps   |
| Copper     | 63-2  | 2945226  | 2933368  | 2950104  | 2942899  | 0.29   | cps   |
| Dysprosium | 156-1 | 217      | 133      | 175      | 175      | 23.81  | cps   |
| Dysprosium | 156-2 | 63       | 110      | 67       | 80       | 32.54  | cps   |
| Erbium     | 164-1 | 250      | 150      | 175      | 192      | 27.15  | cps   |
| Erbium     | 164-2 | 90       | 103      | 127      | 107      | 17.40  | cps   |
| Gadolinium | 160-1 | 242      | 250      | 333      | 275      | 18.43  | cps   |
| Gadolinium | 160-2 | 250      | 213      | 273      | 246      | 12.32  | cps   |
| Holmium    | 165-1 | 17194706 | 17155397 | 16916656 | 17088920 | 0.88   | cps   |
| Holmium    | 165-2 | 9002235  | 8956259  | 8969556  | 8976017  | 0.26   | cps   |
| Indium     | 115-1 | 13424225 | 13286461 | 13192636 | 13301107 | 0.88   | cps   |
| Indium     | 115-2 | 2786444  | 2789458  | 2787173  | 2787692  | 0.06   | cps   |
| Iron       | 56-2  | 279001   | 277751   | 283162   | 279971   | 1.01   | cps   |
| Iron       | 57-2  | 7925     | 7485     | 7419     | 7610     | 3.61   | cps   |
| Lead       | 206-1 | 7108     | 6946     | 6996     | 7017     | 1.18   | cps   |
| Lead       | 207-1 | 5874     | 6229     | 5613     | 5905     | 5.24   | cps   |
| Lead       | 208-1 | 27829    | 27328    | 27584    | 27581    | 0.91   | cps   |
| Lithium    | 6-1   | 1893345  | 1864683  | 1861613  | 1873214  | 0.93   | cps   |
| Magnesium  | 24-2  | 527186   | 530359   | 530319   | 529288   | 0.34   | cps   |
| Manganese  | 55-2  | 87207    | 87351    | 88437    | 87665    | 0.77   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-20              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-20-BS-CL110-\ | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:30:07   | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 908      | 1008     | 950      | 956      | 5.26   | cps   |
| Molybdenum | 95-1  | 442      | 283      | 375      | 367      | 21.68  | cps   |
| Molybdenum | 96-1  | 617      | 483      | 600      | 567      | 12.82  | cps   |
| Molybdenum | 97-1  | 258      | 283      | 258      | 267      | 5.41   | cps   |
| Molybdenum | 98-1  | 500      | 492      | 575      | 522      | 8.79   | cps   |
| Neodymium  | 150-1 | 167      | 187      | 180      | 178      | 5.73   | cps   |
| Neodymium  | 150-2 | 43       | 90       | 63       | 66       | 35.72  | cps   |
| Nickel     | 60-2  | 2574     | 2450     | 2574     | 2532     | 2.81   | cps   |
| Phosphorus | 31-2  | 6877     | 6910     | 6960     | 6916     | 0.61   | cps   |
| Potassium  | 39-2  | 267858   | 269056   | 273331   | 270081   | 1.07   | cps   |
| Rhodium    | 103-1 | 12660376 | 12515832 | 12451511 | 12542573 | 0.85   | cps   |
| Rhodium    | 103-2 | 6179851  | 6091268  | 6048877  | 6106665  | 1.09   | cps   |
| Scandium   | 45-1  | 8490258  | 8528653  | 8345170  | 8454694  | 1.14   | cps   |
| Scandium   | 45-2  | 432644   | 434098   | 435038   | 433926   | 0.28   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 94       | 122      | 91       | 102      | 16.79  | cps   |
| Selenium   | 82-1  | 42       | 75       | -70      | 16       | 478.14 | cps   |
| Silicon    | 28-1  | 9428550  | 9471730  | 9413346  | 9437875  | 0.32   | cps   |
| Silver     | 109-1 | 117      | 217      | 208      | 181      | 30.73  | cps   |
| Silver     | 107-1 | 267      | 158      | 242      | 222      | 25.53  | cps   |
| Sodium     | 23-2  | 8595719  | 8689862  | 8637920  | 8641167  | 0.55   | cps   |
| Strontium  | 86-1  | 99662    | 96490    | 97949    | 98034    | 1.62   | cps   |
| Strontium  | 88-1  | 851256   | 854379   | 849877   | 851837   | 0.27   | cps   |
| Sulfur     | 34-1  | 530980   | 523482   | 529006   | 527823   | 0.74   | cps   |
| Terbium    | 159-1 | 17824738 | 17591791 | 17505305 | 17640611 | 0.94   | cps   |
| Terbium    | 159-2 | 9019343  | 9090027  | 8959413  | 9022928  | 0.72   | cps   |
| Thallium   | 203-1 | 367      | 325      | 358      | 350      | 6.30   | cps   |
| Thallium   | 205-1 | 850      | 808      | 1008     | 889      | 11.87  | cps   |
| Tin        | 118-1 | 3351     | 3317     | 3989     | 3552     | 10.65  | cps   |
| Titanium   | 47-1  | 1383     | 1550     | 1483     | 1472     | 5.70   | cps   |
| Uranium    | 238-1 | 1025     | 1192     | 1117     | 1111     | 7.51   | cps   |
| Vanadium   | 51-2  | 303      | 380      | 300      | 328      | 13.81  | cps   |
| Yttrium    | 89-1  | 13712530 | 13683861 | 13550009 | 13648800 | 0.64   | cps   |
| Yttrium    | 89-2  | 2178718  | 2181723  | 2169064  | 2176502  | 0.30   | cps   |
| Zinc       | 66-2  | 16913    | 16943    | 17204    | 17020    | 0.94   | cps   |
| Zirconium  | 90-1  | 2275     | 2117     | 2300     | 2231     | 4.46   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-20              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-20-BS-CL110-\ | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:30:07   | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 525  | 483  | 558  | 522     | 7.20   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-21 Instrumnet Name : P7  
 Client Sample ID : DC24741-21-BS-CL110-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:33:31 DataFile Name : 046SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 14199    | 14157    | 14126    | 14161    | 0.26   | cps   |
| Antimony   | 121-1 | 7569     | 7552     | 6952     | 7358     | 4.78   | cps   |
| Arsenic    | 75-2  | 198      | 148      | 156      | 167      | 16.13  | cps   |
| Barium     | 135-1 | 104003   | 101930   | 101670   | 102534   | 1.25   | cps   |
| Barium     | 137-1 | 178357   | 177815   | 175698   | 177290   | 0.79   | cps   |
| Beryllium  | 9-1   | 33       | 22       | 28       | 28       | 20.00  | cps   |
| Bismuth    | 209-1 | 11272629 | 11248811 | 11186813 | 11236085 | 0.39   | cps   |
| Bismuth    | 209-2 | 7246153  | 7141355  | 7215160  | 7200889  | 0.75   | cps   |
| Boron      | 10-1  | 1725     | 1884     | 2100     | 1903     | 9.89   | cps   |
| Boron      | 11-1  | 9195     | 9311     | 10012    | 9506     | 4.65   | cps   |
| Cadmium    | 111-1 | 3793     | 3475     | 3706     | 3658     | 4.50   | cps   |
| Cadmium    | 106-1 | 3726     | 3434     | 3734     | 3631     | 4.71   | cps   |
| Cadmium    | 108-1 | 200      | 167      | 238      | 201      | 17.60  | cps   |
| Calcium    | 43-1  | 323178   | 324369   | 324470   | 324005   | 0.22   | cps   |
| Calcium    | 44-1  | 5414649  | 5383387  | 5416682  | 5404906  | 0.35   | cps   |
| Chromium   | 52-2  | 8116     | 8363     | 9573     | 8684     | 8.98   | cps   |
| Cobalt     | 59-2  | 1910     | 1817     | 1843     | 1857     | 2.59   | cps   |
| Copper     | 63-2  | 3834431  | 3825249  | 3828821  | 3829500  | 0.12   | cps   |
| Dysprosium | 156-1 | 75       | 42       | 83       | 67       | 33.07  | cps   |
| Dysprosium | 156-2 | 30       | 23       | 13       | 22       | 37.76  | cps   |
| Erbium     | 164-1 | 75       | 92       | 142      | 103      | 33.76  | cps   |
| Erbium     | 164-2 | 50       | 40       | 47       | 46       | 11.18  | cps   |
| Gadolinium | 160-1 | 100      | 142      | 100      | 114      | 21.12  | cps   |
| Gadolinium | 160-2 | 163      | 147      | 163      | 158      | 6.10   | cps   |
| Holmium    | 165-1 | 17058100 | 17228953 | 16965361 | 17084138 | 0.78   | cps   |
| Holmium    | 165-2 | 9043420  | 9030683  | 9021117  | 9031740  | 0.12   | cps   |
| Indium     | 115-1 | 13292155 | 13154875 | 13141258 | 13196096 | 0.63   | cps   |
| Indium     | 115-2 | 2795464  | 2803544  | 2811981  | 2803663  | 0.29   | cps   |
| Iron       | 56-2  | 96450    | 97172    | 97495    | 97039    | 0.55   | cps   |
| Iron       | 57-2  | 3300     | 3484     | 3139     | 3308     | 5.21   | cps   |
| Lead       | 206-1 | 35632    | 36389    | 35359    | 35793    | 1.49   | cps   |
| Lead       | 207-1 | 29784    | 30452    | 29478    | 29905    | 1.67   | cps   |
| Lead       | 208-1 | 139488   | 140333   | 137574   | 139132   | 1.02   | cps   |
| Lithium    | 6-1   | 1850629  | 1831619  | 1857542  | 1846597  | 0.73   | cps   |
| Magnesium  | 24-2  | 605067   | 597780   | 600586   | 601144   | 0.61   | cps   |
| Manganese  | 55-2  | 37886    | 37197    | 37060    | 37381    | 1.18   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-21-BS-CL110-\ | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:33:31   | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1108     | 1008     | 1058     | 1058     | 4.72   | cps   |
| Molybdenum | 95-1  | 575      | 608      | 800      | 661      | 18.37  | cps   |
| Molybdenum | 96-1  | 833      | 925      | 975      | 911      | 7.89   | cps   |
| Molybdenum | 97-1  | 533      | 367      | 592      | 497      | 23.49  | cps   |
| Molybdenum | 98-1  | 1167     | 1058     | 983      | 1070     | 8.62   | cps   |
| Neodymium  | 150-1 | 47       | 67       | 20       | 44       | 52.68  | cps   |
| Neodymium  | 150-2 | 33       | 7        | 17       | 19       | 71.30  | cps   |
| Nickel     | 60-2  | 56525    | 56609    | 57650    | 56928    | 1.10   | cps   |
| Phosphorus | 31-2  | 983      | 1000     | 1125     | 1036     | 7.47   | cps   |
| Potassium  | 39-2  | 303169   | 300938   | 302960   | 302356   | 0.41   | cps   |
| Rhodium    | 103-1 | 12460040 | 12642279 | 12482485 | 12528268 | 0.79   | cps   |
| Rhodium    | 103-2 | 6065260  | 6116593  | 6129523  | 6103792  | 0.56   | cps   |
| Scandium   | 45-1  | 8417148  | 8480659  | 8440683  | 8446163  | 0.38   | cps   |
| Scandium   | 45-2  | 433929   | 437604   | 446158   | 439230   | 1.43   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 120      | 98       | 100      | 106      | 11.61  | cps   |
| Selenium   | 82-1  | 70       | 44       | 67       | 60       | 23.13  | cps   |
| Silicon    | 28-1  | 8081359  | 7941762  | 8176103  | 8066408  | 1.46   | cps   |
| Silver     | 109-1 | 633      | 792      | 925      | 783      | 18.64  | cps   |
| Silver     | 107-1 | 758      | 1142     | 733      | 878      | 26.10  | cps   |
| Sodium     | 23-2  | 8936054  | 8924112  | 8819382  | 8893183  | 0.72   | cps   |
| Strontium  | 86-1  | 123082   | 123083   | 124343   | 123503   | 0.59   | cps   |
| Strontium  | 88-1  | 1078231  | 1073368  | 1067111  | 1072904  | 0.52   | cps   |
| Sulfur     | 34-1  | 526573   | 528478   | 525980   | 527010   | 0.25   | cps   |
| Terbium    | 159-1 | 17579385 | 17509977 | 17601446 | 17563603 | 0.27   | cps   |
| Terbium    | 159-2 | 9062968  | 9123598  | 9121100  | 9102555  | 0.38   | cps   |
| Thallium   | 203-1 | 350      | 508      | 358      | 406      | 21.97  | cps   |
| Thallium   | 205-1 | 1075     | 1225     | 1017     | 1106     | 9.72   | cps   |
| Tin        | 118-1 | 3467     | 2950     | 3367     | 3262     | 8.40   | cps   |
| Titanium   | 47-1  | 558      | 375      | 483      | 472      | 19.52  | cps   |
| Uranium    | 238-1 | 483      | 575      | 717      | 592      | 19.87  | cps   |
| Vanadium   | 51-2  | 163      | 187      | 183      | 178      | 7.10   | cps   |
| Yttrium    | 89-1  | 13614236 | 13397864 | 13541514 | 13517871 | 0.81   | cps   |
| Yttrium    | 89-2  | 2184231  | 2200385  | 2209861  | 2198159  | 0.59   | cps   |
| Zinc       | 66-2  | 1228886  | 1224520  | 1222373  | 1225260  | 0.27   | cps   |
| Zirconium  | 90-1  | 1784     | 1800     | 1583     | 1722     | 7.00   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-21-BS-CL110-\ | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:33:31   | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 400  | 400  | 389     | 4.95   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-22 Instrumnet Name : P7  
 Client Sample ID : DC24741-22-BS-CL110-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:36:55 DataFile Name : 047SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 41200    | 41032    | 41719    | 41317    | 0.87   | cps   |
| Antimony   | 121-1 | 758      | 808      | 733      | 767      | 4.98   | cps   |
| Arsenic    | 75-2  | 191      | 187      | 172      | 183      | 5.34   | cps   |
| Barium     | 135-1 | 72632    | 71744    | 72414    | 72263    | 0.64   | cps   |
| Barium     | 137-1 | 126312   | 127732   | 122890   | 125645   | 1.98   | cps   |
| Beryllium  | 9-1   | 56       | 28       | 39       | 41       | 34.32  | cps   |
| Bismuth    | 209-1 | 11261661 | 11434306 | 11270117 | 11322028 | 0.86   | cps   |
| Bismuth    | 209-2 | 7135770  | 7138654  | 7099489  | 7124638  | 0.31   | cps   |
| Boron      | 10-1  | 1875     | 1959     | 1867     | 1900     | 2.67   | cps   |
| Boron      | 11-1  | 9203     | 9595     | 9412     | 9403     | 2.09   | cps   |
| Cadmium    | 111-1 | 2490     | 2570     | 2395     | 2485     | 3.54   | cps   |
| Cadmium    | 106-1 | 3501     | 3626     | 3376     | 3501     | 3.57   | cps   |
| Cadmium    | 108-1 | 21       | 25       | 8        | 18       | 48.05  | cps   |
| Calcium    | 43-1  | 268715   | 263872   | 264356   | 265648   | 1.00   | cps   |
| Calcium    | 44-1  | 4438952  | 4408199  | 4394698  | 4413949  | 0.51   | cps   |
| Chromium   | 52-2  | 1913     | 1934     | 1984     | 1943     | 1.86   | cps   |
| Cobalt     | 59-2  | 620      | 550      | 653      | 608      | 8.68   | cps   |
| Copper     | 63-2  | 1010084  | 1011953  | 1010510  | 1010849  | 0.10   | cps   |
| Dysprosium | 156-1 | 100      | 183      | 125      | 136      | 31.42  | cps   |
| Dysprosium | 156-2 | 77       | 57       | 30       | 54       | 43.00  | cps   |
| Erbium     | 164-1 | 158      | 183      | 192      | 178      | 9.76   | cps   |
| Erbium     | 164-2 | 87       | 100      | 107      | 98       | 10.41  | cps   |
| Gadolinium | 160-1 | 192      | 192      | 267      | 217      | 19.98  | cps   |
| Gadolinium | 160-2 | 210      | 213      | 163      | 196      | 14.30  | cps   |
| Holmium    | 165-1 | 17402287 | 17228662 | 17200576 | 17277175 | 0.63   | cps   |
| Holmium    | 165-2 | 9019202  | 9041616  | 9071245  | 9044021  | 0.29   | cps   |
| Indium     | 115-1 | 13283103 | 13360425 | 13093849 | 13245792 | 1.04   | cps   |
| Indium     | 115-2 | 2817816  | 2807539  | 2813701  | 2813019  | 0.18   | cps   |
| Iron       | 56-2  | 182062   | 177528   | 178998   | 179530   | 1.29   | cps   |
| Iron       | 57-2  | 4945     | 6038     | 5218     | 5401     | 10.53  | cps   |
| Lead       | 206-1 | 6963     | 7219     | 6913     | 7032     | 2.33   | cps   |
| Lead       | 207-1 | 6074     | 5896     | 5874     | 5948     | 1.84   | cps   |
| Lead       | 208-1 | 27228    | 27745    | 27184    | 27386    | 1.14   | cps   |
| Lithium    | 6-1   | 1867206  | 1874031  | 1835256  | 1858831  | 1.11   | cps   |
| Magnesium  | 24-2  | 536498   | 531788   | 523515   | 530600   | 1.24   | cps   |
| Manganese  | 55-2  | 61381    | 60779    | 61451    | 61204    | 0.60   | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-22 Instrumnet Name : P7  
 Client Sample ID : DC24741-22-BS-CL110-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:36:55 DataFile Name : 047SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 767      | 1075     | 867      | 903      | 17.44  | cps   |
| Molybdenum | 95-1  | 392      | 425      | 458      | 425      | 7.84   | cps   |
| Molybdenum | 96-1  | 525      | 500      | 475      | 500      | 5.00   | cps   |
| Molybdenum | 97-1  | 225      | 317      | 325      | 289      | 19.21  | cps   |
| Molybdenum | 98-1  | 600      | 558      | 567      | 575      | 3.83   | cps   |
| Neodymium  | 150-1 | 127      | 67       | 127      | 107      | 32.47  | cps   |
| Neodymium  | 150-2 | 17       | 63       | 33       | 38       | 62.59  | cps   |
| Nickel     | 60-2  | 1373     | 1493     | 1443     | 1437     | 4.20   | cps   |
| Phosphorus | 31-2  | 7669     | 7260     | 7527     | 7486     | 2.77   | cps   |
| Potassium  | 39-2  | 270422   | 267752   | 270593   | 269589   | 0.59   | cps   |
| Rhodium    | 103-1 | 12486980 | 12526472 | 12423962 | 12479138 | 0.41   | cps   |
| Rhodium    | 103-2 | 6169349  | 6119106  | 6134547  | 6141001  | 0.42   | cps   |
| Scandium   | 45-1  | 8451672  | 8478045  | 8514101  | 8481272  | 0.37   | cps   |
| Scandium   | 45-2  | 442744   | 437415   | 443121   | 441093   | 0.72   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 130      | 128      | 113      | 123      | 7.40   | cps   |
| Selenium   | 82-1  | 155      | 4        | 46       | 68       | 113.89 | cps   |
| Silicon    | 28-1  | 9515240  | 9407911  | 9352643  | 9425265  | 0.88   | cps   |
| Silver     | 109-1 | 200      | 117      | 150      | 156      | 26.96  | cps   |
| Silver     | 107-1 | 267      | 267      | 183      | 239      | 20.14  | cps   |
| Sodium     | 23-2  | 8605982  | 8644745  | 8571872  | 8607533  | 0.42   | cps   |
| Strontium  | 86-1  | 98285    | 98429    | 95953    | 97556    | 1.42   | cps   |
| Strontium  | 88-1  | 860147   | 850406   | 854349   | 854967   | 0.57   | cps   |
| Sulfur     | 34-1  | 519936   | 515980   | 516722   | 517546   | 0.41   | cps   |
| Terbium    | 159-1 | 17920901 | 17896996 | 17600960 | 17806286 | 1.00   | cps   |
| Terbium    | 159-2 | 9144269  | 9001350  | 9131752  | 9092457  | 0.87   | cps   |
| Thallium   | 203-1 | 292      | 358      | 342      | 331      | 10.49  | cps   |
| Thallium   | 205-1 | 817      | 717      | 942      | 825      | 13.66  | cps   |
| Tin        | 118-1 | 3175     | 3342     | 3551     | 3356     | 5.60   | cps   |
| Titanium   | 47-1  | 1142     | 1083     | 1108     | 1111     | 2.63   | cps   |
| Uranium    | 238-1 | 642      | 658      | 825      | 708      | 14.31  | cps   |
| Vanadium   | 51-2  | 427      | 350      | 303      | 360      | 17.30  | cps   |
| Yttrium    | 89-1  | 13584596 | 13608543 | 13530814 | 13574651 | 0.29   | cps   |
| Yttrium    | 89-2  | 2194203  | 2203058  | 2189929  | 2195730  | 0.30   | cps   |
| Zinc       | 66-2  | 17487    | 17387    | 17908    | 17594    | 1.57   | cps   |
| Zirconium  | 90-1  | 1975     | 1950     | 1767     | 1897     | 6.00   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-22              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-22-BS-CL110-\ | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:36:55   | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 467  | 400  | 492  | 453     | 10.47  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-23            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-23-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:40:20 | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2192     | 2242     | 2642     | 2359     | 10.47  | cps   |
| Antimony   | 121-1 | 850      | 1025     | 942      | 939      | 9.32   | cps   |
| Arsenic    | 75-2  | 172      | 185      | 200      | 186      | 7.48   | cps   |
| Barium     | 135-1 | 69725    | 70839    | 70572    | 70379    | 0.83   | cps   |
| Barium     | 137-1 | 124008   | 122605   | 119955   | 122189   | 1.68   | cps   |
| Beryllium  | 9-1   | 44       | 44       | 22       | 37       | 34.65  | cps   |
| Bismuth    | 209-1 | 11483622 | 11432305 | 11252539 | 11389489 | 1.07   | cps   |
| Bismuth    | 209-2 | 7183996  | 7135767  | 7138462  | 7152742  | 0.38   | cps   |
| Boron      | 10-1  | 1609     | 1609     | 1592     | 1603     | 0.60   | cps   |
| Boron      | 11-1  | 8603     | 8594     | 8027     | 8408     | 3.92   | cps   |
| Cadmium    | 111-1 | 2141     | 2499     | 2381     | 2340     | 7.79   | cps   |
| Cadmium    | 106-1 | 3059     | 3576     | 3326     | 3320     | 7.78   | cps   |
| Cadmium    | 108-1 | 42       | 42       | 25       | 36       | 26.65  | cps   |
| Calcium    | 43-1  | 271367   | 269566   | 266466   | 269133   | 0.92   | cps   |
| Calcium    | 44-1  | 4496682  | 4492074  | 4471766  | 4486841  | 0.30   | cps   |
| Chromium   | 52-2  | 2250     | 2210     | 2337     | 2266     | 2.86   | cps   |
| Cobalt     | 59-2  | 287      | 267      | 290      | 281      | 4.49   | cps   |
| Copper     | 63-2  | 481058   | 481222   | 478420   | 480233   | 0.33   | cps   |
| Dysprosium | 156-1 | 208      | 50       | 108      | 122      | 65.52  | cps   |
| Dysprosium | 156-2 | 63       | 73       | 70       | 69       | 7.39   | cps   |
| Erbium     | 164-1 | 183      | 183      | 133      | 167      | 17.32  | cps   |
| Erbium     | 164-2 | 63       | 67       | 53       | 61       | 11.36  | cps   |
| Gadolinium | 160-1 | 233      | 175      | 217      | 208      | 14.42  | cps   |
| Gadolinium | 160-2 | 223      | 127      | 173      | 174      | 27.71  | cps   |
| Holmium    | 165-1 | 17533943 | 17273482 | 17405924 | 17404450 | 0.75   | cps   |
| Holmium    | 165-2 | 9081982  | 9052260  | 9137287  | 9090510  | 0.47   | cps   |
| Indium     | 115-1 | 13466421 | 13334919 | 13167740 | 13323027 | 1.12   | cps   |
| Indium     | 115-2 | 2793543  | 2800929  | 2808243  | 2800905  | 0.26   | cps   |
| Iron       | 56-2  | 133820   | 120758   | 126093   | 126890   | 5.18   | cps   |
| Iron       | 57-2  | 3801     | 3734     | 3962     | 3832     | 3.06   | cps   |
| Lead       | 206-1 | 11550    | 11083    | 11661    | 11431    | 2.68   | cps   |
| Lead       | 207-1 | 9759     | 9693     | 9754     | 9735     | 0.38   | cps   |
| Lead       | 208-1 | 44686    | 44597    | 45165    | 44816    | 0.68   | cps   |
| Lithium    | 6-1   | 1878369  | 1857926  | 1838325  | 1858207  | 1.08   | cps   |
| Magnesium  | 24-2  | 526373   | 533103   | 527184   | 528887   | 0.69   | cps   |
| Manganese  | 55-2  | 48500    | 48470    | 47911    | 48294    | 0.69   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-23 Instrumnet Name : P7  
 Client Sample ID : DC24741-23-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:40:20 DataFile Name : 048SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 833      | 850      | 783      | 822      | 4.22    | cps   |
| Molybdenum | 95-1  | 325      | 300      | 333      | 319      | 5.43    | cps   |
| Molybdenum | 96-1  | 492      | 475      | 500      | 489      | 2.60    | cps   |
| Molybdenum | 97-1  | 383      | 208      | 250      | 281      | 32.59   | cps   |
| Molybdenum | 98-1  | 500      | 600      | 592      | 564      | 9.84    | cps   |
| Neodymium  | 150-1 | 113      | 33       | 113      | 87       | 53.30   | cps   |
| Neodymium  | 150-2 | 33       | 50       | 93       | 59       | 52.61   | cps   |
| Nickel     | 60-2  | 3794     | 3621     | 3597     | 3671     | 2.93    | cps   |
| Phosphorus | 31-2  | 7602     | 8002     | 7519     | 7708     | 3.35    | cps   |
| Potassium  | 39-2  | 272552   | 270925   | 272605   | 272027   | 0.35    | cps   |
| Rhodium    | 103-1 | 12563905 | 12568894 | 12554211 | 12562337 | 0.06    | cps   |
| Rhodium    | 103-2 | 6128049  | 6183954  | 6172309  | 6161437  | 0.48    | cps   |
| Scandium   | 45-1  | 8594962  | 8624216  | 8453270  | 8557482  | 1.07    | cps   |
| Scandium   | 45-2  | 436997   | 442867   | 438570   | 439478   | 0.69    | cps   |
| Selenium   | 77-2  | 10       | 0        | 0        | 3        | 173.21  | cps   |
| Selenium   | 78-2  | 107      | 111      | 130      | 116      | 10.26   | cps   |
| Selenium   | 82-1  | 60       | -39      | -54      | -11      | -555.30 | cps   |
| Silicon    | 28-1  | 9274250  | 9172963  | 9322466  | 9256560  | 0.82    | cps   |
| Silver     | 109-1 | 167      | 108      | 208      | 161      | 31.18   | cps   |
| Silver     | 107-1 | 242      | 150      | 258      | 217      | 26.92   | cps   |
| Sodium     | 23-2  | 8817004  | 8730716  | 8709638  | 8752453  | 0.65    | cps   |
| Strontium  | 86-1  | 98453    | 98327    | 95886    | 97555    | 1.48    | cps   |
| Strontium  | 88-1  | 858289   | 851656   | 843447   | 851131   | 0.87    | cps   |
| Sulfur     | 34-1  | 516634   | 510792   | 510064   | 512497   | 0.70    | cps   |
| Terbium    | 159-1 | 17776164 | 17755738 | 17573386 | 17701763 | 0.63    | cps   |
| Terbium    | 159-2 | 9205009  | 9193522  | 9027299  | 9141943  | 1.09    | cps   |
| Thallium   | 203-1 | 467      | 358      | 275      | 367      | 26.21   | cps   |
| Thallium   | 205-1 | 750      | 725      | 792      | 756      | 4.46    | cps   |
| Tin        | 118-1 | 783      | 883      | 900      | 856      | 7.38    | cps   |
| Titanium   | 47-1  | 933      | 1083     | 1326     | 1114     | 17.76   | cps   |
| Uranium    | 238-1 | 633      | 717      | 917      | 756      | 19.27   | cps   |
| Vanadium   | 51-2  | 230      | 270      | 290      | 263      | 11.60   | cps   |
| Yttrium    | 89-1  | 13822309 | 13669938 | 13505231 | 13665826 | 1.16    | cps   |
| Yttrium    | 89-2  | 2190424  | 2198844  | 2198653  | 2195974  | 0.22    | cps   |
| Zinc       | 66-2  | 107875   | 108982   | 108889   | 108582   | 0.57    | cps   |
| Zirconium  | 90-1  | 1917     | 2009     | 1750     | 1892     | 6.93    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-23            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-23-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:40:20 | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 458  | 375  | 392     | 15.34  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-24 Instrumnet Name : P7  
 Client Sample ID : DC24741-24-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:43:44 DataFile Name : 049SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2117     | 1650     | 1775     | 1848     | 13.09  | cps   |
| Antimony   | 121-1 | 858      | 1008     | 867      | 911      | 9.25   | cps   |
| Arsenic    | 75-2  | 178      | 189      | 181      | 183      | 3.10   | cps   |
| Barium     | 135-1 | 68570    | 70060    | 69634    | 69421    | 1.11   | cps   |
| Barium     | 137-1 | 120157   | 122437   | 121024   | 121206   | 0.95   | cps   |
| Beryllium  | 9-1   | 56       | 72       | 44       | 57       | 24.35  | cps   |
| Bismuth    | 209-1 | 11481407 | 11482109 | 11290767 | 11418094 | 0.97   | cps   |
| Bismuth    | 209-2 | 7171195  | 7200866  | 7195013  | 7189025  | 0.22   | cps   |
| Boron      | 10-1  | 1725     | 1625     | 1517     | 1622     | 6.42   | cps   |
| Boron      | 11-1  | 8303     | 8861     | 8895     | 8686     | 3.83   | cps   |
| Cadmium    | 111-1 | 2222     | 2450     | 2374     | 2349     | 4.94   | cps   |
| Cadmium    | 106-1 | 3125     | 3484     | 3392     | 3334     | 5.59   | cps   |
| Cadmium    | 108-1 | 4        | 25       | 25       | 18       | 66.60  | cps   |
| Calcium    | 43-1  | 271073   | 269267   | 271109   | 270483   | 0.39   | cps   |
| Calcium    | 44-1  | 4487693  | 4488352  | 4446161  | 4474069  | 0.54   | cps   |
| Chromium   | 52-2  | 1710     | 1720     | 1850     | 1760     | 4.44   | cps   |
| Cobalt     | 59-2  | 223      | 237      | 250      | 237      | 5.63   | cps   |
| Copper     | 63-2  | 347465   | 349370   | 345938   | 347591   | 0.49   | cps   |
| Dysprosium | 156-1 | 125      | 108      | 117      | 117      | 7.14   | cps   |
| Dysprosium | 156-2 | 50       | 80       | 50       | 60       | 28.87  | cps   |
| Erbium     | 164-1 | 233      | 208      | 150      | 197      | 21.68  | cps   |
| Erbium     | 164-2 | 87       | 77       | 57       | 73       | 20.83  | cps   |
| Gadolinium | 160-1 | 250      | 242      | 200      | 231      | 11.62  | cps   |
| Gadolinium | 160-2 | 167      | 190      | 187      | 181      | 6.97   | cps   |
| Holmium    | 165-1 | 17483061 | 17233589 | 17372148 | 17362933 | 0.72   | cps   |
| Holmium    | 165-2 | 9192270  | 9175764  | 9113746  | 9160594  | 0.45   | cps   |
| Indium     | 115-1 | 13438568 | 13353994 | 13177442 | 13323334 | 1.00   | cps   |
| Indium     | 115-2 | 2821067  | 2830672  | 2841339  | 2831026  | 0.36   | cps   |
| Iron       | 56-2  | 121301   | 193084   | 118797   | 144394   | 29.22  | cps   |
| Iron       | 57-2  | 4123     | 3912     | 3795     | 3943     | 4.21   | cps   |
| Lead       | 206-1 | 2700     | 2673     | 2589     | 2654     | 2.18   | cps   |
| Lead       | 207-1 | 2295     | 2111     | 2400     | 2269     | 6.44   | cps   |
| Lead       | 208-1 | 10330    | 9946     | 10241    | 10172    | 1.97   | cps   |
| Lithium    | 6-1   | 1871859  | 1868924  | 1855171  | 1865318  | 0.48   | cps   |
| Magnesium  | 24-2  | 534828   | 525072   | 529832   | 529911   | 0.92   | cps   |
| Manganese  | 55-2  | 46172    | 46396    | 46236    | 46268    | 0.25   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-24 Instrumnet Name : P7  
 Client Sample ID : DC24741-24-BS-BRW-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 18:43:44 DataFile Name : 049SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 767      | 700      | 967      | 811      | 17.11  | cps   |
| Molybdenum | 95-1  | 375      | 317      | 417      | 369      | 13.60  | cps   |
| Molybdenum | 96-1  | 458      | 600      | 533      | 531      | 13.36  | cps   |
| Molybdenum | 97-1  | 250      | 275      | 383      | 303      | 23.41  | cps   |
| Molybdenum | 98-1  | 558      | 575      | 633      | 589      | 6.69   | cps   |
| Neodymium  | 150-1 | 100      | 147      | 87       | 111      | 28.35  | cps   |
| Neodymium  | 150-2 | 33       | 30       | 27       | 30       | 11.10  | cps   |
| Nickel     | 60-2  | 700      | 713      | 690      | 701      | 1.67   | cps   |
| Phosphorus | 31-2  | 7802     | 7786     | 8111     | 7900     | 2.32   | cps   |
| Potassium  | 39-2  | 271517   | 271348   | 272802   | 271889   | 0.29   | cps   |
| Rhodium    | 103-1 | 12564021 | 12635011 | 12584575 | 12594536 | 0.29   | cps   |
| Rhodium    | 103-2 | 6239549  | 6232189  | 6196572  | 6222770  | 0.37   | cps   |
| Scandium   | 45-1  | 8534513  | 8498442  | 8447992  | 8493649  | 0.51   | cps   |
| Scandium   | 45-2  | 436189   | 441691   | 442189   | 440023   | 0.76   | cps   |
| Selenium   | 77-2  | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 156      | 109      | 93       | 119      | 27.39  | cps   |
| Selenium   | 82-1  | 102      | 37       | 2        | 47       | 107.96 | cps   |
| Silicon    | 28-1  | 9478538  | 9256838  | 9292767  | 9342714  | 1.27   | cps   |
| Silver     | 109-1 | 158      | 200      | 183      | 181      | 11.62  | cps   |
| Silver     | 107-1 | 192      | 192      | 208      | 197      | 4.88   | cps   |
| Sodium     | 23-2  | 8943630  | 8786877  | 8842117  | 8857541  | 0.90   | cps   |
| Strontium  | 86-1  | 96968    | 97456    | 98294    | 97573    | 0.69   | cps   |
| Strontium  | 88-1  | 858474   | 853884   | 845825   | 852728   | 0.75   | cps   |
| Sulfur     | 34-1  | 512557   | 516236   | 515853   | 514882   | 0.39   | cps   |
| Terbium    | 159-1 | 17917708 | 18067218 | 17626279 | 17870402 | 1.25   | cps   |
| Terbium    | 159-2 | 9156196  | 9180075  | 9127453  | 9154575  | 0.29   | cps   |
| Thallium   | 203-1 | 283      | 325      | 375      | 328      | 14.00  | cps   |
| Thallium   | 205-1 | 600      | 925      | 883      | 803      | 22.03  | cps   |
| Tin        | 118-1 | 875      | 808      | 692      | 792      | 11.72  | cps   |
| Titanium   | 47-1  | 1250     | 1042     | 1100     | 1131     | 9.52   | cps   |
| Uranium    | 238-1 | 758      | 592      | 892      | 747      | 20.12  | cps   |
| Vanadium   | 51-2  | 277      | 290      | 220      | 262      | 14.17  | cps   |
| Yttrium    | 89-1  | 13747216 | 13767850 | 13656505 | 13723857 | 0.43   | cps   |
| Yttrium    | 89-2  | 2222117  | 2202162  | 2204155  | 2209478  | 0.50   | cps   |
| Zinc       | 66-2  | 11308    | 11114    | 11298    | 11240    | 0.97   | cps   |
| Zirconium  | 90-1  | 1909     | 1575     | 1700     | 1728     | 9.75   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-24            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-24-BS-BRW-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:43:44 | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 400  | 383  | 342  | 375     | 8.01   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-25-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:47:08  | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1900     | 2134     | 2184     | 2073     | 7.30   | cps   |
| Antimony   | 121-1 | 992      | 1033     | 900      | 975      | 7.00   | cps   |
| Arsenic    | 75-2  | 215      | 198      | 191      | 201      | 6.13   | cps   |
| Barium     | 135-1 | 70764    | 68344    | 68636    | 69248    | 1.91   | cps   |
| Barium     | 137-1 | 122714   | 120107   | 117797   | 120206   | 2.05   | cps   |
| Beryllium  | 9-1   | 17       | 44       | 33       | 31       | 44.41  | cps   |
| Bismuth    | 209-1 | 11402974 | 11461125 | 11393113 | 11419071 | 0.32   | cps   |
| Bismuth    | 209-2 | 7175794  | 7219269  | 7118767  | 7171277  | 0.70   | cps   |
| Boron      | 10-1  | 1817     | 1875     | 1900     | 1864     | 2.29   | cps   |
| Boron      | 11-1  | 8286     | 8720     | 8870     | 8625     | 3.51   | cps   |
| Cadmium    | 111-1 | 2596     | 2411     | 2329     | 2445     | 5.59   | cps   |
| Cadmium    | 106-1 | 3659     | 3434     | 3301     | 3464     | 5.23   | cps   |
| Cadmium    | 108-1 | 4        | 38       | 21       | 21       | 79.99  | cps   |
| Calcium    | 43-1  | 269174   | 267054   | 270506   | 268911   | 0.65   | cps   |
| Calcium    | 44-1  | 4484056  | 4451111  | 4482309  | 4472492  | 0.41   | cps   |
| Chromium   | 52-2  | 2070     | 2087     | 1964     | 2040     | 3.28   | cps   |
| Cobalt     | 59-2  | 297      | 203      | 283      | 261      | 19.33  | cps   |
| Copper     | 63-2  | 2220500  | 2223872  | 2235944  | 2226772  | 0.36   | cps   |
| Dysprosium | 156-1 | 100      | 58       | 133      | 97       | 38.65  | cps   |
| Dysprosium | 156-2 | 63       | 67       | 37       | 56       | 29.59  | cps   |
| Erbium     | 164-1 | 150      | 117      | 183      | 150      | 22.22  | cps   |
| Erbium     | 164-2 | 93       | 57       | 100      | 83       | 28.00  | cps   |
| Gadolinium | 160-1 | 100      | 217      | 192      | 169      | 36.25  | cps   |
| Gadolinium | 160-2 | 187      | 123      | 207      | 172      | 25.26  | cps   |
| Holmium    | 165-1 | 17524110 | 17302172 | 17278747 | 17368343 | 0.78   | cps   |
| Holmium    | 165-2 | 9086785  | 9119539  | 9013439  | 9073254  | 0.60   | cps   |
| Indium     | 115-1 | 13425926 | 13410997 | 13375525 | 13404149 | 0.19   | cps   |
| Indium     | 115-2 | 2830596  | 2827928  | 2805357  | 2821293  | 0.49   | cps   |
| Iron       | 56-2  | 136048   | 135145   | 133745   | 134980   | 0.86   | cps   |
| Iron       | 57-2  | 4345     | 4212     | 4570     | 4376     | 4.13   | cps   |
| Lead       | 206-1 | 4651     | 4584     | 4857     | 4697     | 3.02   | cps   |
| Lead       | 207-1 | 4368     | 4190     | 3990     | 4182     | 4.52   | cps   |
| Lead       | 208-1 | 18700    | 18578    | 19301    | 18860    | 2.05   | cps   |
| Lithium    | 6-1   | 1873304  | 1876661  | 1882341  | 1877435  | 0.24   | cps   |
| Magnesium  | 24-2  | 533968   | 538192   | 535667   | 535942   | 0.40   | cps   |
| Manganese  | 55-2  | 50413    | 50329    | 50754    | 50499    | 0.45   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-25-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:47:08  | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 708      | 842      | 825      | 792      | 9.18   | cps   |
| Molybdenum | 95-1  | 417      | 317      | 400      | 378      | 14.18  | cps   |
| Molybdenum | 96-1  | 433      | 583      | 542      | 519      | 14.91  | cps   |
| Molybdenum | 97-1  | 300      | 283      | 408      | 331      | 20.53  | cps   |
| Molybdenum | 98-1  | 600      | 450      | 508      | 519      | 14.56  | cps   |
| Neodymium  | 150-1 | 133      | 93       | 107      | 111      | 18.33  | cps   |
| Neodymium  | 150-2 | 10       | 30       | 23       | 21       | 48.24  | cps   |
| Nickel     | 60-2  | 2287     | 2307     | 2370     | 2321     | 1.87   | cps   |
| Phosphorus | 31-2  | 7519     | 7202     | 7877     | 7533     | 4.49   | cps   |
| Potassium  | 39-2  | 273019   | 273300   | 272316   | 272878   | 0.19   | cps   |
| Rhodium    | 103-1 | 12686602 | 12648308 | 12584176 | 12639695 | 0.41   | cps   |
| Rhodium    | 103-2 | 6244431  | 6198239  | 6166056  | 6202909  | 0.64   | cps   |
| Scandium   | 45-1  | 8724357  | 8541865  | 8529169  | 8598463  | 1.27   | cps   |
| Scandium   | 45-2  | 435968   | 443030   | 442065   | 440354   | 0.87   | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 102      | 130      | 117      | 116      | 11.98  | cps   |
| Selenium   | 82-1  | 98       | 64       | 81       | 81       | 21.25  | cps   |
| Silicon    | 28-1  | 9537628  | 9527299  | 9631439  | 9565455  | 0.60   | cps   |
| Silver     | 109-1 | 258      | 217      | 200      | 225      | 13.35  | cps   |
| Silver     | 107-1 | 283      | 300      | 217      | 267      | 16.54  | cps   |
| Sodium     | 23-2  | 8758399  | 8755093  | 8726571  | 8746688  | 0.20   | cps   |
| Strontium  | 86-1  | 97437    | 97354    | 96448    | 97080    | 0.57   | cps   |
| Strontium  | 88-1  | 855789   | 850938   | 838710   | 848479   | 1.04   | cps   |
| Sulfur     | 34-1  | 529031   | 527700   | 527059   | 527930   | 0.19   | cps   |
| Terbium    | 159-1 | 18000870 | 17733357 | 17930236 | 17888154 | 0.77   | cps   |
| Terbium    | 159-2 | 9165329  | 9185079  | 9166483  | 9172297  | 0.12   | cps   |
| Thallium   | 203-1 | 433      | 517      | 275      | 408      | 30.06  | cps   |
| Thallium   | 205-1 | 900      | 817      | 800      | 839      | 6.39   | cps   |
| Tin        | 118-1 | 1200     | 1000     | 1050     | 1083     | 9.61   | cps   |
| Titanium   | 47-1  | 917      | 1134     | 1133     | 1061     | 11.79  | cps   |
| Uranium    | 238-1 | 408      | 583      | 725      | 572      | 27.72  | cps   |
| Vanadium   | 51-2  | 277      | 283      | 273      | 278      | 1.83   | cps   |
| Yttrium    | 89-1  | 13833753 | 13731401 | 13693375 | 13752843 | 0.53   | cps   |
| Yttrium    | 89-2  | 2205821  | 2215617  | 2197287  | 2206241  | 0.42   | cps   |
| Zinc       | 66-2  | 75806    | 76988    | 76315    | 76370    | 0.78   | cps   |
| Zirconium  | 90-1  | 1842     | 2009     | 1675     | 1842     | 9.05   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-25-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:47:08  | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 400  | 342  | 475  | 406     | 16.48  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-26-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:50:31  | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2275     | 1934     | 2275     | 2161     | 9.13   | cps   |
| Antimony   | 121-1 | 958      | 1133     | 1025     | 1039     | 8.50   | cps   |
| Arsenic    | 75-2  | 187      | 189      | 191      | 189      | 0.98   | cps   |
| Barium     | 135-1 | 68092    | 70664    | 69625    | 69460    | 1.86   | cps   |
| Barium     | 137-1 | 119771   | 121882   | 119620   | 120424   | 1.05   | cps   |
| Beryllium  | 9-1   | 6        | 44       | 44       | 31       | 71.31  | cps   |
| Bismuth    | 209-1 | 11328959 | 11548382 | 11564508 | 11480616 | 1.15   | cps   |
| Bismuth    | 209-2 | 6840534  | 7223074  | 7538015  | 7200541  | 4.85   | cps   |
| Boron      | 10-1  | 1867     | 1900     | 1775     | 1847     | 3.50   | cps   |
| Boron      | 11-1  | 8619     | 8953     | 8686     | 8753     | 2.02   | cps   |
| Cadmium    | 111-1 | 2569     | 2613     | 2645     | 2609     | 1.47   | cps   |
| Cadmium    | 106-1 | 3626     | 3676     | 3734     | 3678     | 1.47   | cps   |
| Cadmium    | 108-1 | 33       | 38       | 21       | 31       | 28.39  | cps   |
| Calcium    | 43-1  | 270975   | 265339   | 271339   | 269217   | 1.25   | cps   |
| Calcium    | 44-1  | 4520743  | 4468967  | 4486780  | 4492163  | 0.59   | cps   |
| Chromium   | 52-2  | 1987     | 1920     | 2080     | 1996     | 4.03   | cps   |
| Cobalt     | 59-2  | 293      | 300      | 253      | 282      | 8.94   | cps   |
| Copper     | 63-2  | 2093375  | 2087279  | 2065270  | 2081975  | 0.71   | cps   |
| Dysprosium | 156-1 | 58       | 100      | 75       | 78       | 26.96  | cps   |
| Dysprosium | 156-2 | 57       | 50       | 77       | 61       | 22.71  | cps   |
| Erbium     | 164-1 | 200      | 167      | 133      | 167      | 20.00  | cps   |
| Erbium     | 164-2 | 67       | 60       | 60       | 62       | 6.19   | cps   |
| Gadolinium | 160-1 | 242      | 158      | 258      | 219      | 24.42  | cps   |
| Gadolinium | 160-2 | 150      | 203      | 217      | 190      | 18.57  | cps   |
| Holmium    | 165-1 | 17446524 | 17487034 | 17201026 | 17378195 | 0.89   | cps   |
| Holmium    | 165-2 | 8993492  | 9134721  | 9318921  | 9149045  | 1.78   | cps   |
| Indium     | 115-1 | 13382637 | 13656257 | 13375846 | 13471580 | 1.19   | cps   |
| Indium     | 115-2 | 2793086  | 2821547  | 2900231  | 2838288  | 1.96   | cps   |
| Iron       | 56-2  | 155890   | 155424   | 156760   | 156025   | 0.43   | cps   |
| Iron       | 57-2  | 4462     | 5012     | 4957     | 4810     | 6.30   | cps   |
| Lead       | 206-1 | 5863     | 5913     | 6141     | 5972     | 2.48   | cps   |
| Lead       | 207-1 | 4884     | 4957     | 4884     | 4908     | 0.85   | cps   |
| Lead       | 208-1 | 22964    | 22530    | 23470    | 22988    | 2.05   | cps   |
| Lithium    | 6-1   | 1886036  | 1879453  | 1868055  | 1877848  | 0.48   | cps   |
| Magnesium  | 24-2  | 530427   | 536856   | 530837   | 532707   | 0.68   | cps   |
| Manganese  | 55-2  | 53025    | 52313    | 52189    | 52509    | 0.86   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-26-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:50:31  | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 817      | 692      | 800      | 770      | 8.82   | cps   |
| Molybdenum | 95-1  | 458      | 450      | 425      | 444      | 3.90   | cps   |
| Molybdenum | 96-1  | 542      | 575      | 417      | 511      | 16.33  | cps   |
| Molybdenum | 97-1  | 242      | 267      | 350      | 286      | 19.83  | cps   |
| Molybdenum | 98-1  | 458      | 533      | 633      | 542      | 16.21  | cps   |
| Neodymium  | 150-1 | 40       | 73       | 107      | 73       | 45.45  | cps   |
| Neodymium  | 150-2 | 43       | 27       | 53       | 41       | 32.76  | cps   |
| Nickel     | 60-2  | 1974     | 2197     | 2200     | 2124     | 6.12   | cps   |
| Phosphorus | 31-2  | 7094     | 7586     | 7411     | 7363     | 3.39   | cps   |
| Potassium  | 39-2  | 267098   | 268317   | 264917   | 266777   | 0.65   | cps   |
| Rhodium    | 103-1 | 12705791 | 12848602 | 12605161 | 12719851 | 0.96   | cps   |
| Rhodium    | 103-2 | 6157897  | 6218750  | 6334484  | 6237044  | 1.44   | cps   |
| Scandium   | 45-1  | 8493222  | 8494487  | 8617888  | 8535199  | 0.84   | cps   |
| Scandium   | 45-2  | 425966   | 440911   | 459170   | 442016   | 3.76   | cps   |
| Selenium   | 77-2  | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 93       | 109      | 124      | 109      | 14.50  | cps   |
| Selenium   | 82-1  | 2        | -22      | 177      | 52       | 207.48 | cps   |
| Silicon    | 28-1  | 9657071  | 9656733  | 9583610  | 9632471  | 0.44   | cps   |
| Silver     | 109-1 | 292      | 275      | 250      | 272      | 7.71   | cps   |
| Silver     | 107-1 | 325      | 283      | 275      | 294      | 9.10   | cps   |
| Sodium     | 23-2  | 8631044  | 8719187  | 8615428  | 8655220  | 0.65   | cps   |
| Strontium  | 86-1  | 97706    | 97967    | 96271    | 97315    | 0.94   | cps   |
| Strontium  | 88-1  | 853073   | 851793   | 846581   | 850482   | 0.40   | cps   |
| Sulfur     | 34-1  | 525133   | 527398   | 524439   | 525657   | 0.29   | cps   |
| Terbium    | 159-1 | 17989293 | 17997821 | 17894201 | 17960438 | 0.32   | cps   |
| Terbium    | 159-2 | 9097260  | 9096422  | 9305024  | 9166235  | 1.31   | cps   |
| Thallium   | 203-1 | 367      | 267      | 383      | 339      | 18.62  | cps   |
| Thallium   | 205-1 | 742      | 808      | 942      | 831      | 12.26  | cps   |
| Tin        | 118-1 | 1558     | 1283     | 1584     | 1475     | 11.29  | cps   |
| Titanium   | 47-1  | 1000     | 1108     | 1150     | 1086     | 7.13   | cps   |
| Uranium    | 238-1 | 842      | 550      | 642      | 678      | 22.01  | cps   |
| Vanadium   | 51-2  | 317      | 283      | 300      | 300      | 5.56   | cps   |
| Yttrium    | 89-1  | 13887779 | 13935075 | 13704221 | 13842358 | 0.88   | cps   |
| Yttrium    | 89-2  | 2193611  | 2206735  | 2261111  | 2220486  | 1.61   | cps   |
| Zinc       | 66-2  | 84003    | 82414    | 82598    | 83005    | 1.05   | cps   |
| Zirconium  | 90-1  | 1725     | 1442     | 1767     | 1645     | 10.75  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-26-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:50:31  | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 425  | 458  | 400  | 428     | 6.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV68               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV68               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:53:55 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 833      | 942      | 842      | 872      | 6.91   | cps   |
| Antimony   | 121-1 | 250      | 192      | 292      | 244      | 20.55  | cps   |
| Arsenic    | 75-2  | 13       | 7        | 13       | 11       | 28.84  | cps   |
| Barium     | 135-1 | 50       | 75       | 25       | 50       | 50.00  | cps   |
| Barium     | 137-1 | 67       | 125      | 100      | 97       | 30.10  | cps   |
| Beryllium  | 9-1   | 6        | 50       | 28       | 28       | 79.99  | cps   |
| Bismuth    | 209-1 | 10943274 | 10852742 | 10811336 | 10869117 | 0.62   | cps   |
| Bismuth    | 209-2 | 6894316  | 6664134  | 6697212  | 6751887  | 1.84   | cps   |
| Boron      | 10-1  | 450      | 508      | 442      | 467      | 7.78   | cps   |
| Boron      | 11-1  | 2450     | 2109     | 2284     | 2281     | 7.49   | cps   |
| Cadmium    | 111-1 | 2146     | 2035     | 2445     | 2209     | 9.60   | cps   |
| Cadmium    | 106-1 | 3034     | 2900     | 3476     | 3137     | 9.60   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 13       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 967      | 858      | 875      | 900      | 6.48   | cps   |
| Calcium    | 44-1  | 25565    | 25172    | 25991    | 25576    | 1.60   | cps   |
| Chromium   | 52-2  | 1787     | 1683     | 1923     | 1798     | 6.70   | cps   |
| Cobalt     | 59-2  | 113      | 150      | 170      | 144      | 19.89  | cps   |
| Copper     | 63-2  | 1447     | 1227     | 1543     | 1406     | 11.55  | cps   |
| Dysprosium | 156-1 | 0        | 8        | 17       | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 67       | 75       | 108      | 83       | 26.46  | cps   |
| Erbium     | 164-2 | 27       | 27       | 27       | 27       | 0.00   | cps   |
| Gadolinium | 160-1 | 142      | 83       | 50       | 92       | 50.62  | cps   |
| Gadolinium | 160-2 | 113      | 163      | 167      | 148      | 20.22  | cps   |
| Holmium    | 165-1 | 16295363 | 16357503 | 16145130 | 16265998 | 0.67   | cps   |
| Holmium    | 165-2 | 8655408  | 8595336  | 8582093  | 8610946  | 0.45   | cps   |
| Indium     | 115-1 | 12573946 | 12474803 | 12644857 | 12564536 | 0.68   | cps   |
| Indium     | 115-2 | 2661346  | 2694293  | 2676544  | 2677394  | 0.62   | cps   |
| Iron       | 56-2  | 8114     | 8492     | 7786     | 8130     | 4.35   | cps   |
| Iron       | 57-2  | 311      | 361      | 328      | 333      | 7.64   | cps   |
| Lead       | 206-1 | 7528506  | 7450896  | 7419209  | 7466204  | 0.75   | cps   |
| Lead       | 207-1 | 6838893  | 6610551  | 6786805  | 6745416  | 1.77   | cps   |
| Lead       | 208-1 | 30350508 | 30213740 | 30369009 | 30311086 | 0.28   | cps   |
| Lithium    | 6-1   | 1740281  | 1750430  | 1760027  | 1750246  | 0.56   | cps   |
| Magnesium  | 24-2  | 492      | 467      | 608      | 522      | 14.48  | cps   |
| Manganese  | 55-2  | 97       | 123      | 103      | 108      | 12.88  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV68               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV68               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:53:55 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 375      | 267      | 383      | 342      | 19.05  | cps   |
| Molybdenum | 95-1  | 133      | 175      | 175      | 161      | 14.93  | cps   |
| Molybdenum | 96-1  | 258      | 258      | 292      | 269      | 7.14   | cps   |
| Molybdenum | 97-1  | 200      | 233      | 183      | 206      | 12.39  | cps   |
| Molybdenum | 98-1  | 258      | 242      | 317      | 272      | 14.47  | cps   |
| Neodymium  | 150-1 | 13       | 20       | 0        | 11       | 91.66  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 97       | 80       | 77       | 84       | 12.69  | cps   |
| Phosphorus | 31-2  | 300      | 317      | 392      | 336      | 14.53  | cps   |
| Potassium  | 39-2  | 43039    | 43498    | 42972    | 43170    | 0.66   | cps   |
| Rhodium    | 103-1 | 11951807 | 11913060 | 11809899 | 11891589 | 0.62   | cps   |
| Rhodium    | 103-2 | 5858515  | 5900857  | 5889929  | 5883100  | 0.37   | cps   |
| Scandium   | 45-1  | 7985064  | 8033107  | 8022593  | 8013588  | 0.32   | cps   |
| Scandium   | 45-2  | 419213   | 414775   | 421037   | 418342   | 0.77   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 93       | 87       | 122      | 101      | 18.80  | cps   |
| Selenium   | 82-1  | 13       | -23      | 63       | 18       | 246.79 | cps   |
| Silicon    | 28-1  | 586534   | 590896   | 590514   | 589315   | 0.41   | cps   |
| Silver     | 109-1 | 175      | 158      | 125      | 153      | 16.66  | cps   |
| Silver     | 107-1 | 183      | 150      | 250      | 194      | 26.19  | cps   |
| Sodium     | 23-2  | 43598    | 43138    | 43305    | 43347    | 0.54   | cps   |
| Strontium  | 86-1  | 1775     | 1559     | 1559     | 1631     | 7.67   | cps   |
| Strontium  | 88-1  | 1083     | 1158     | 983      | 1075     | 8.17   | cps   |
| Sulfur     | 34-1  | 426226   | 427279   | 421340   | 424948   | 0.75   | cps   |
| Terbium    | 159-1 | 16640926 | 16593358 | 16791076 | 16675120 | 0.62   | cps   |
| Terbium    | 159-2 | 8684401  | 8740413  | 8665730  | 8696848  | 0.45   | cps   |
| Thallium   | 203-1 | 383      | 408      | 375      | 389      | 4.46   | cps   |
| Thallium   | 205-1 | 933      | 1067     | 817      | 939      | 13.32  | cps   |
| Tin        | 118-1 | 1192     | 1584     | 1133     | 1303     | 18.78  | cps   |
| Titanium   | 47-1  | 325      | 492      | 258      | 358      | 33.54  | cps   |
| Uranium    | 238-1 | 342      | 400      | 392      | 378      | 8.35   | cps   |
| Vanadium   | 51-2  | 57       | 63       | 60       | 60       | 5.55   | cps   |
| Yttrium    | 89-1  | 12856822 | 12782630 | 12985971 | 12875141 | 0.80   | cps   |
| Yttrium    | 89-2  | 2073434  | 2089155  | 2080076  | 2080888  | 0.38   | cps   |
| Zinc       | 66-2  | 487      | 470      | 440      | 466      | 5.08   | cps   |
| Zirconium  | 90-1  | 783      | 733      | 983      | 833      | 15.87  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV68               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV68               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:53:55 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 200  | 192  | 192     | 4.35   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB68               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB68               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:57:19 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 250      | 333      | 408      | 331      | 23.96  | cps   |
| Antimony   | 121-1 | 125      | 142      | 175      | 147      | 17.29  | cps   |
| Arsenic    | 75-2  | 11       | 7        | 7        | 9        | 24.71  | cps   |
| Barium     | 135-1 | 33       | 33       | 25       | 31       | 15.74  | cps   |
| Barium     | 137-1 | 83       | 100      | 75       | 86       | 14.79  | cps   |
| Beryllium  | 9-1   | 39       | 22       | 17       | 26       | 44.60  | cps   |
| Bismuth    | 209-1 | 10789758 | 10753111 | 10708524 | 10750464 | 0.38   | cps   |
| Bismuth    | 209-2 | 6434904  | 6452252  | 6467801  | 6451652  | 0.26   | cps   |
| Boron      | 10-1  | 367      | 325      | 458      | 383      | 17.79  | cps   |
| Boron      | 11-1  | 1767     | 1592     | 1742     | 1700     | 5.57   | cps   |
| Cadmium    | 111-1 | 2304     | 2267     | 2450     | 2340     | 4.14   | cps   |
| Cadmium    | 106-1 | 3284     | 3251     | 3492     | 3342     | 3.92   | cps   |
| Cadmium    | 108-1 | 4        | 13       | 4        | 7        | 69.23  | cps   |
| Calcium    | 43-1  | 425      | 375      | 300      | 367      | 17.16  | cps   |
| Calcium    | 44-1  | 18354    | 17428    | 17870    | 17884    | 2.59   | cps   |
| Chromium   | 52-2  | 1793     | 1573     | 1677     | 1681     | 6.55   | cps   |
| Cobalt     | 59-2  | 93       | 93       | 107      | 98       | 7.87   | cps   |
| Copper     | 63-2  | 1323     | 1253     | 1353     | 1310     | 3.92   | cps   |
| Dysprosium | 156-1 | 33       | 33       | 25       | 31       | 15.74  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Erbium     | 164-1 | 67       | 42       | 75       | 61       | 28.38  | cps   |
| Erbium     | 164-2 | 13       | 23       | 17       | 18       | 28.64  | cps   |
| Gadolinium | 160-1 | 100      | 108      | 125      | 111      | 11.46  | cps   |
| Gadolinium | 160-2 | 100      | 120      | 130      | 117      | 13.09  | cps   |
| Holmium    | 165-1 | 16305992 | 16283060 | 16330137 | 16306396 | 0.14   | cps   |
| Holmium    | 165-2 | 8372543  | 8372860  | 8417513  | 8387639  | 0.31   | cps   |
| Indium     | 115-1 | 12483697 | 12480860 | 12532602 | 12499053 | 0.23   | cps   |
| Indium     | 115-2 | 2600985  | 2592845  | 2599866  | 2597899  | 0.17   | cps   |
| Iron       | 56-2  | 5818     | 5696     | 5662     | 5725     | 1.43   | cps   |
| Iron       | 57-2  | 372      | 256      | 300      | 309      | 19.04  | cps   |
| Lead       | 206-1 | 1372     | 1306     | 1167     | 1282     | 8.18   | cps   |
| Lead       | 207-1 | 1045     | 1161     | 1167     | 1124     | 6.14   | cps   |
| Lead       | 208-1 | 5167     | 5351     | 5084     | 5201     | 2.62   | cps   |
| Lithium    | 6-1   | 1743536  | 1753242  | 1767362  | 1754713  | 0.68   | cps   |
| Magnesium  | 24-2  | 325      | 467      | 417      | 403      | 17.84  | cps   |
| Manganese  | 55-2  | 60       | 67       | 50       | 59       | 14.25  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB68               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB68               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:57:19 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 275      | 225      | 258      | 253      | 10.07   | cps   |
| Molybdenum | 95-1  | 83       | 50       | 50       | 61       | 31.50   | cps   |
| Molybdenum | 96-1  | 125      | 167      | 92       | 128      | 29.41   | cps   |
| Molybdenum | 97-1  | 117      | 142      | 192      | 150      | 25.46   | cps   |
| Molybdenum | 98-1  | 92       | 83       | 83       | 86       | 5.58    | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21  | cps   |
| Nickel     | 60-2  | 67       | 57       | 67       | 63       | 9.12    | cps   |
| Phosphorus | 31-2  | 283      | 300      | 242      | 275      | 10.93   | cps   |
| Potassium  | 39-2  | 40941    | 41735    | 42587    | 41754    | 1.97    | cps   |
| Rhodium    | 103-1 | 11894396 | 11905813 | 11927471 | 11909227 | 0.14    | cps   |
| Rhodium    | 103-2 | 5706371  | 5669524  | 5730244  | 5702046  | 0.54    | cps   |
| Scandium   | 45-1  | 8046361  | 7980985  | 7980185  | 8002510  | 0.47    | cps   |
| Scandium   | 45-2  | 404872   | 409590   | 403333   | 405932   | 0.80    | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 111      | 137      | 113      | 120      | 12.02   | cps   |
| Selenium   | 82-1  | -31      | -89      | 23       | -32      | -174.11 | cps   |
| Silicon    | 28-1  | 567737   | 565855   | 563761   | 565784   | 0.35    | cps   |
| Silver     | 109-1 | 133      | 83       | 58       | 92       | 41.66   | cps   |
| Silver     | 107-1 | 100      | 83       | 125      | 103      | 20.40   | cps   |
| Sodium     | 23-2  | 41943    | 42127    | 40881    | 41651    | 1.61    | cps   |
| Strontium  | 86-1  | 1892     | 1742     | 1642     | 1759     | 7.16    | cps   |
| Strontium  | 88-1  | 1458     | 1442     | 1500     | 1467     | 2.05    | cps   |
| Sulfur     | 34-1  | 425828   | 423447   | 424127   | 424467   | 0.29    | cps   |
| Terbium    | 159-1 | 16453736 | 16558969 | 16714001 | 16575569 | 0.79    | cps   |
| Terbium    | 159-2 | 8347416  | 8434319  | 8350297  | 8377344  | 0.59    | cps   |
| Thallium   | 203-1 | 258      | 250      | 258      | 256      | 1.88    | cps   |
| Thallium   | 205-1 | 717      | 542      | 608      | 622      | 14.20   | cps   |
| Tin        | 118-1 | 1700     | 1984     | 1533     | 1739     | 13.10   | cps   |
| Titanium   | 47-1  | 167      | 158      | 175      | 167      | 5.00    | cps   |
| Uranium    | 238-1 | 92       | 42       | 92       | 75       | 38.49   | cps   |
| Vanadium   | 51-2  | 10       | 10       | 10       | 10       | 0.00    | cps   |
| Yttrium    | 89-1  | 12766414 | 12808134 | 12873743 | 12816097 | 0.42    | cps   |
| Yttrium    | 89-2  | 2027994  | 2009734  | 2025472  | 2021067  | 0.49    | cps   |
| Zinc       | 66-2  | 123      | 117      | 153      | 131      | 14.90   | cps   |
| Zirconium  | 90-1  | 617      | 742      | 683      | 681      | 9.19    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB68               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB68               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 18:57:19 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 142  | 200  | 167     | 18.03  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-27 Instrumnet Name : P7  
 Client Sample ID : DC24741-27-BS-BRC-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:00:45 DataFile Name : 054SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2367     | 1992     | 2676     | 2345     | 14.61  | cps   |
| Antimony   | 121-1 | 917      | 842      | 1050     | 936      | 11.27  | cps   |
| Arsenic    | 75-2  | 202      | 185      | 189      | 192      | 4.56   | cps   |
| Barium     | 135-1 | 72137    | 71442    | 70672    | 71417    | 1.03   | cps   |
| Barium     | 137-1 | 124496   | 124824   | 125757   | 125026   | 0.52   | cps   |
| Beryllium  | 9-1   | 28       | 33       | 22       | 28       | 20.00  | cps   |
| Bismuth    | 209-1 | 11419241 | 11352979 | 11290886 | 11354369 | 0.57   | cps   |
| Bismuth    | 209-2 | 7346332  | 7289015  | 7293014  | 7309454  | 0.44   | cps   |
| Boron      | 10-1  | 1500     | 1592     | 1375     | 1489     | 7.31   | cps   |
| Boron      | 11-1  | 8353     | 8153     | 8444     | 8317     | 1.79   | cps   |
| Cadmium    | 111-1 | 2399     | 2191     | 2394     | 2328     | 5.10   | cps   |
| Cadmium    | 106-1 | 3359     | 3067     | 3376     | 3267     | 5.31   | cps   |
| Cadmium    | 108-1 | 21       | 8        | 21       | 17       | 43.31  | cps   |
| Calcium    | 43-1  | 279377   | 272862   | 271426   | 274555   | 1.54   | cps   |
| Calcium    | 44-1  | 4569350  | 4528951  | 4497054  | 4531785  | 0.80   | cps   |
| Chromium   | 52-2  | 2024     | 2004     | 1890     | 1972     | 3.65   | cps   |
| Cobalt     | 59-2  | 300      | 250      | 293      | 281      | 9.66   | cps   |
| Copper     | 63-2  | 548069   | 548792   | 544449   | 547103   | 0.43   | cps   |
| Dysprosium | 156-1 | 100      | 108      | 92       | 100      | 8.33   | cps   |
| Dysprosium | 156-2 | 40       | 57       | 60       | 52       | 20.52  | cps   |
| Erbium     | 164-1 | 233      | 117      | 150      | 167      | 36.06  | cps   |
| Erbium     | 164-2 | 70       | 73       | 57       | 67       | 13.22  | cps   |
| Gadolinium | 160-1 | 217      | 192      | 208      | 206      | 6.19   | cps   |
| Gadolinium | 160-2 | 217      | 190      | 197      | 201      | 6.90   | cps   |
| Holmium    | 165-1 | 17572477 | 17493623 | 17234375 | 17433492 | 1.01   | cps   |
| Holmium    | 165-2 | 9165756  | 9162477  | 9234101  | 9187445  | 0.44   | cps   |
| Indium     | 115-1 | 13650558 | 13483158 | 13393973 | 13509230 | 0.96   | cps   |
| Indium     | 115-2 | 2820359  | 2822369  | 2824702  | 2822477  | 0.08   | cps   |
| Iron       | 56-2  | 126143   | 124503   | 127293   | 125980   | 1.11   | cps   |
| Iron       | 57-2  | 3684     | 4245     | 4240     | 4056     | 7.95   | cps   |
| Lead       | 206-1 | 12234    | 12111    | 11961    | 12102    | 1.13   | cps   |
| Lead       | 207-1 | 10849    | 10604    | 10293    | 10582    | 2.63   | cps   |
| Lead       | 208-1 | 48174    | 47066    | 46844    | 47362    | 1.50   | cps   |
| Lithium    | 6-1   | 1903794  | 1870139  | 1874213  | 1882715  | 0.98   | cps   |
| Magnesium  | 24-2  | 540671   | 534163   | 536773   | 537202   | 0.61   | cps   |
| Manganese  | 55-2  | 55595    | 54347    | 54698    | 54880    | 1.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-27            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-27-BS-BRC-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:00:45 | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 792      | 842      | 733      | 789      | 6.87   | cps   |
| Molybdenum | 95-1  | 292      | 367      | 317      | 325      | 11.75  | cps   |
| Molybdenum | 96-1  | 525      | 467      | 600      | 531      | 12.60  | cps   |
| Molybdenum | 97-1  | 217      | 183      | 183      | 194      | 9.90   | cps   |
| Molybdenum | 98-1  | 567      | 542      | 642      | 583      | 8.92   | cps   |
| Neodymium  | 150-1 | 87       | 140      | 87       | 104      | 29.48  | cps   |
| Neodymium  | 150-2 | 27       | 43       | 27       | 32       | 29.85  | cps   |
| Nickel     | 60-2  | 2147     | 2187     | 2174     | 2169     | 0.94   | cps   |
| Phosphorus | 31-2  | 8261     | 7586     | 7944     | 7930     | 4.26   | cps   |
| Potassium  | 39-2  | 271285   | 264961   | 268373   | 268206   | 1.18   | cps   |
| Rhodium    | 103-1 | 12753076 | 12614477 | 12537112 | 12634888 | 0.87   | cps   |
| Rhodium    | 103-2 | 6253198  | 6202719  | 6182928  | 6212948  | 0.58   | cps   |
| Scandium   | 45-1  | 8516473  | 8453195  | 8454860  | 8474843  | 0.43   | cps   |
| Scandium   | 45-2  | 439810   | 440870   | 445329   | 442003   | 0.66   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 120      | 113      | 117      | 117      | 3.18   | cps   |
| Selenium   | 82-1  | 85       | 159      | 4        | 83       | 93.38  | cps   |
| Silicon    | 28-1  | 9361659  | 9375275  | 9268467  | 9335133  | 0.62   | cps   |
| Silver     | 109-1 | 242      | 242      | 192      | 225      | 12.83  | cps   |
| Silver     | 107-1 | 117      | 283      | 283      | 228      | 42.25  | cps   |
| Sodium     | 23-2  | 8973537  | 8726196  | 8818653  | 8839462  | 1.41   | cps   |
| Strontium  | 86-1  | 100106   | 100575   | 97648    | 99443    | 1.58   | cps   |
| Strontium  | 88-1  | 866834   | 871400   | 858929   | 865721   | 0.73   | cps   |
| Sulfur     | 34-1  | 520333   | 521124   | 528021   | 523159   | 0.81   | cps   |
| Terbium    | 159-1 | 17991116 | 18054889 | 17711871 | 17919292 | 1.02   | cps   |
| Terbium    | 159-2 | 9215318  | 9205892  | 9217345  | 9212852  | 0.07   | cps   |
| Thallium   | 203-1 | 350      | 400      | 242      | 331      | 24.49  | cps   |
| Thallium   | 205-1 | 725      | 775      | 742      | 747      | 3.41   | cps   |
| Tin        | 118-1 | 958      | 775      | 800      | 845      | 11.77  | cps   |
| Titanium   | 47-1  | 933      | 1443     | 1000     | 1125     | 24.60  | cps   |
| Uranium    | 238-1 | 633      | 783      | 625      | 681      | 13.09  | cps   |
| Vanadium   | 51-2  | 277      | 233      | 280      | 263      | 9.89   | cps   |
| Yttrium    | 89-1  | 13774543 | 13898656 | 13574856 | 13749352 | 1.19   | cps   |
| Yttrium    | 89-2  | 2202934  | 2208774  | 2215950  | 2209219  | 0.30   | cps   |
| Zinc       | 66-2  | 26848    | 25656    | 26481    | 26328    | 2.32   | cps   |
| Zirconium  | 90-1  | 2159     | 1892     | 2418     | 2156     | 12.21  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-27            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-27-BS-BRC-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:00:45 | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 492  | 425  | 433  | 450     | 8.07   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-28            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-28-BS-BRC-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:04:08 | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2311     | 1367     | 2605     | 2094     | 30.89  | cps   |
| Antimony   | 121-1 | 758      | 733      | 758      | 750      | 1.92   | cps   |
| Arsenic    | 75-2  | 185      | 202      | 217      | 201      | 7.83   | cps   |
| Barium     | 135-1 | 69792    | 69433    | 69750    | 69659    | 0.28   | cps   |
| Barium     | 137-1 | 119392   | 119191   | 119277   | 119287   | 0.08   | cps   |
| Beryllium  | 9-1   | 17       | 28       | 22       | 22       | 25.00  | cps   |
| Bismuth    | 209-1 | 11437582 | 11361995 | 11110941 | 11303506 | 1.51   | cps   |
| Bismuth    | 209-2 | 7138382  | 7150528  | 7092467  | 7127126  | 0.43   | cps   |
| Boron      | 10-1  | 1417     | 1633     | 1650     | 1567     | 8.31   | cps   |
| Boron      | 11-1  | 7844     | 8661     | 8620     | 8375     | 5.50   | cps   |
| Cadmium    | 111-1 | 2495     | 2324     | 2360     | 2393     | 3.78   | cps   |
| Cadmium    | 106-1 | 3534     | 3317     | 3342     | 3398     | 3.49   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 25       | 21       | 19.99  | cps   |
| Calcium    | 43-1  | 270346   | 269752   | 267167   | 269088   | 0.63   | cps   |
| Calcium    | 44-1  | 4441722  | 4423232  | 4381524  | 4415493  | 0.70   | cps   |
| Chromium   | 52-2  | 1887     | 1840     | 2010     | 1912     | 4.59   | cps   |
| Cobalt     | 59-2  | 227      | 207      | 253      | 229      | 10.23  | cps   |
| Copper     | 63-2  | 274625   | 275473   | 275616   | 275238   | 0.19   | cps   |
| Dysprosium | 156-1 | 92       | 142      | 50       | 94       | 48.60  | cps   |
| Dysprosium | 156-2 | 40       | 67       | 33       | 47       | 37.80  | cps   |
| Erbium     | 164-1 | 133      | 125      | 42       | 100      | 50.69  | cps   |
| Erbium     | 164-2 | 60       | 57       | 83       | 67       | 21.80  | cps   |
| Gadolinium | 160-1 | 183      | 225      | 267      | 225      | 18.52  | cps   |
| Gadolinium | 160-2 | 213      | 183      | 190      | 196      | 8.06   | cps   |
| Holmium    | 165-1 | 17197367 | 17411783 | 17079775 | 17229642 | 0.98   | cps   |
| Holmium    | 165-2 | 9039109  | 9095632  | 9039261  | 9058000  | 0.36   | cps   |
| Indium     | 115-1 | 13319434 | 13339432 | 13130211 | 13263026 | 0.87   | cps   |
| Indium     | 115-2 | 2782747  | 2801243  | 2789728  | 2791239  | 0.33   | cps   |
| Iron       | 56-2  | 115137   | 115940   | 112014   | 114364   | 1.81   | cps   |
| Iron       | 57-2  | 3567     | 3545     | 4001     | 3704     | 6.94   | cps   |
| Lead       | 206-1 | 2550     | 2906     | 2700     | 2719     | 6.57   | cps   |
| Lead       | 207-1 | 2550     | 2084     | 2222     | 2285     | 10.49  | cps   |
| Lead       | 208-1 | 10858    | 10608    | 10530    | 10665    | 1.61   | cps   |
| Lithium    | 6-1   | 1860030  | 1853220  | 1835427  | 1849559  | 0.69   | cps   |
| Magnesium  | 24-2  | 530611   | 526471   | 525544   | 527542   | 0.51   | cps   |
| Manganese  | 55-2  | 44260    | 44972    | 45179    | 44804    | 1.08   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-28            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-28-BS-BRC-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:04:08 | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 917      | 858      | 792      | 856      | 7.31   | cps   |
| Molybdenum | 95-1  | 300      | 375      | 342      | 339      | 11.09  | cps   |
| Molybdenum | 96-1  | 408      | 483      | 400      | 431      | 10.66  | cps   |
| Molybdenum | 97-1  | 225      | 317      | 375      | 306      | 24.75  | cps   |
| Molybdenum | 98-1  | 500      | 592      | 608      | 567      | 10.29  | cps   |
| Neodymium  | 150-1 | 60       | 73       | 73       | 69       | 11.18  | cps   |
| Neodymium  | 150-2 | 30       | 30       | 30       | 30       | 0.00   | cps   |
| Nickel     | 60-2  | 853      | 837      | 830      | 840      | 1.43   | cps   |
| Phosphorus | 31-2  | 7952     | 7335     | 7002     | 7430     | 6.49   | cps   |
| Potassium  | 39-2  | 264206   | 266174   | 264457   | 264946   | 0.40   | cps   |
| Rhodium    | 103-1 | 12483546 | 12428153 | 12360282 | 12423994 | 0.50   | cps   |
| Rhodium    | 103-2 | 6147422  | 6133630  | 6106778  | 6129277  | 0.34   | cps   |
| Scandium   | 45-1  | 8445361  | 8406667  | 8348292  | 8400107  | 0.58   | cps   |
| Scandium   | 45-2  | 438117   | 431290   | 434064   | 434490   | 0.79   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 89       | 102      | 93       | 94       | 7.07   | cps   |
| Selenium   | 82-1  | 166      | 52       | 54       | 90       | 72.05  | cps   |
| Silicon    | 28-1  | 9344430  | 9306102  | 9399796  | 9350109  | 0.50   | cps   |
| Silver     | 109-1 | 158      | 83       | 100      | 114      | 34.58  | cps   |
| Silver     | 107-1 | 158      | 175      | 183      | 172      | 7.39   | cps   |
| Sodium     | 23-2  | 8737446  | 8683957  | 8625500  | 8682301  | 0.64   | cps   |
| Strontium  | 86-1  | 97666    | 98311    | 97505    | 97827    | 0.44   | cps   |
| Strontium  | 88-1  | 848205   | 841992   | 849027   | 846408   | 0.45   | cps   |
| Sulfur     | 34-1  | 520265   | 524590   | 519258   | 521371   | 0.54   | cps   |
| Terbium    | 159-1 | 17810046 | 17866528 | 17530458 | 17735677 | 1.01   | cps   |
| Terbium    | 159-2 | 9037099  | 8999951  | 8972309  | 9003120  | 0.36   | cps   |
| Thallium   | 203-1 | 283      | 300      | 308      | 297      | 4.28   | cps   |
| Thallium   | 205-1 | 817      | 642      | 775      | 745      | 12.28  | cps   |
| Tin        | 118-1 | 667      | 750      | 767      | 728      | 7.36   | cps   |
| Titanium   | 47-1  | 983      | 1025     | 908      | 972      | 6.08   | cps   |
| Uranium    | 238-1 | 850      | 817      | 842      | 836      | 2.07   | cps   |
| Vanadium   | 51-2  | 290      | 233      | 270      | 264      | 10.87  | cps   |
| Yttrium    | 89-1  | 13634420 | 13594483 | 13472339 | 13567081 | 0.62   | cps   |
| Yttrium    | 89-2  | 2185502  | 2176855  | 2171295  | 2177884  | 0.33   | cps   |
| Zinc       | 66-2  | 10851    | 10851    | 11118    | 10940    | 1.41   | cps   |
| Zirconium  | 90-1  | 1917     | 1725     | 1834     | 1825     | 5.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-28            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-28-BS-BRC-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:04:08 | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 383  | 442  | 425  | 417     | 7.21   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-29 Instrumnet Name : P7  
 Client Sample ID : DC24741-29-BS-CL102-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:07:32 DataFile Name : 056SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 108803   | 108055   | 108089   | 108316   | 0.39   | cps   |
| Antimony   | 121-1 | 1192     | 1133     | 1175     | 1167     | 2.57   | cps   |
| Arsenic    | 75-2  | 194      | 204      | 196      | 198      | 2.47   | cps   |
| Barium     | 135-1 | 75270    | 75261    | 74316    | 74949    | 0.73   | cps   |
| Barium     | 137-1 | 131644   | 130054   | 130980   | 130893   | 0.61   | cps   |
| Beryllium  | 9-1   | 67       | 50       | 33       | 50       | 33.34  | cps   |
| Bismuth    | 209-1 | 11397257 | 11376262 | 11197091 | 11323537 | 0.97   | cps   |
| Bismuth    | 209-2 | 6914022  | 7078822  | 7160129  | 7050991  | 1.78   | cps   |
| Boron      | 10-1  | 1742     | 1884     | 1700     | 1775     | 5.41   | cps   |
| Boron      | 11-1  | 9020     | 8444     | 8920     | 8795     | 3.50   | cps   |
| Cadmium    | 111-1 | 2645     | 2424     | 2574     | 2548     | 4.44   | cps   |
| Cadmium    | 106-1 | 3484     | 3234     | 3467     | 3395     | 4.12   | cps   |
| Cadmium    | 108-1 | 50       | 33       | 46       | 43       | 20.15  | cps   |
| Calcium    | 43-1  | 289575   | 284582   | 287899   | 287352   | 0.88   | cps   |
| Calcium    | 44-1  | 4815541  | 4759185  | 4804174  | 4792967  | 0.62   | cps   |
| Chromium   | 52-2  | 2627     | 2597     | 2637     | 2620     | 0.79   | cps   |
| Cobalt     | 59-2  | 897      | 833      | 973      | 901      | 7.78   | cps   |
| Copper     | 63-2  | 2144934  | 2154231  | 2172271  | 2157145  | 0.64   | cps   |
| Dysprosium | 156-1 | 192      | 183      | 208      | 194      | 6.55   | cps   |
| Dysprosium | 156-2 | 67       | 80       | 103      | 83       | 22.27  | cps   |
| Erbium     | 164-1 | 200      | 250      | 250      | 233      | 12.37  | cps   |
| Erbium     | 164-2 | 120      | 107      | 107      | 111      | 6.93   | cps   |
| Gadolinium | 160-1 | 242      | 292      | 283      | 272      | 9.84   | cps   |
| Gadolinium | 160-2 | 223      | 310      | 280      | 271      | 16.23  | cps   |
| Holmium    | 165-1 | 17085792 | 17103617 | 16769690 | 16986366 | 1.11   | cps   |
| Holmium    | 165-2 | 8924328  | 9059384  | 9015147  | 8999620  | 0.77   | cps   |
| Indium     | 115-1 | 13220470 | 13091851 | 12944438 | 13085586 | 1.06   | cps   |
| Indium     | 115-2 | 2776458  | 2780412  | 2788607  | 2781826  | 0.22   | cps   |
| Iron       | 56-2  | 265505   | 254253   | 255917   | 258558   | 2.35   | cps   |
| Iron       | 57-2  | 6913     | 6718     | 7107     | 6913     | 2.81   | cps   |
| Lead       | 206-1 | 38250    | 39058    | 38044    | 38450    | 1.39   | cps   |
| Lead       | 207-1 | 32863    | 33142    | 32718    | 32908    | 0.65   | cps   |
| Lead       | 208-1 | 151277   | 152118   | 150289   | 151228   | 0.61   | cps   |
| Lithium    | 6-1   | 1842376  | 1824954  | 1824798  | 1830709  | 0.55   | cps   |
| Magnesium  | 24-2  | 586558   | 588384   | 588897   | 587946   | 0.21   | cps   |
| Manganese  | 55-2  | 71419    | 70642    | 70176    | 70746    | 0.89   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-29              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-29-BS-CL102-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:07:32   | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1200     | 1292     | 1233     | 1242     | 3.74   | cps   |
| Molybdenum | 95-1  | 525      | 600      | 508      | 544      | 8.97   | cps   |
| Molybdenum | 96-1  | 458      | 767      | 642      | 622      | 24.92  | cps   |
| Molybdenum | 97-1  | 417      | 375      | 342      | 378      | 9.95   | cps   |
| Molybdenum | 98-1  | 933      | 900      | 817      | 883      | 6.80   | cps   |
| Neodymium  | 150-1 | 193      | 173      | 147      | 171      | 13.68  | cps   |
| Neodymium  | 150-2 | 57       | 67       | 77       | 67       | 15.00  | cps   |
| Nickel     | 60-2  | 49607    | 50376    | 49898    | 49961    | 0.78   | cps   |
| Phosphorus | 31-2  | 7486     | 7669     | 7644     | 7600     | 1.31   | cps   |
| Potassium  | 39-2  | 276133   | 274360   | 276276   | 275590   | 0.39   | cps   |
| Rhodium    | 103-1 | 12425632 | 12409804 | 12359904 | 12398446 | 0.28   | cps   |
| Rhodium    | 103-2 | 6106559  | 6157101  | 6049915  | 6104525  | 0.88   | cps   |
| Scandium   | 45-1  | 8330268  | 8246743  | 8296485  | 8291166  | 0.51   | cps   |
| Scandium   | 45-2  | 435246   | 433778   | 432036   | 433687   | 0.37   | cps   |
| Selenium   | 77-2  | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Selenium   | 78-2  | 85       | 150      | 100      | 112      | 30.39  | cps   |
| Selenium   | 82-1  | 53       | -33      | 46       | 22       | 219.27 | cps   |
| Silicon    | 28-1  | 9322392  | 9249661  | 9265872  | 9279309  | 0.41   | cps   |
| Silver     | 109-1 | 333      | 267      | 200      | 267      | 25.00  | cps   |
| Silver     | 107-1 | 308      | 267      | 283      | 286      | 7.33   | cps   |
| Sodium     | 23-2  | 9056113  | 9042427  | 9126181  | 9074907  | 0.50   | cps   |
| Strontium  | 86-1  | 102977   | 103379   | 102606   | 102987   | 0.38   | cps   |
| Strontium  | 88-1  | 890007   | 895345   | 888120   | 891157   | 0.42   | cps   |
| Sulfur     | 34-1  | 525724   | 525087   | 524574   | 525129   | 0.11   | cps   |
| Terbium    | 159-1 | 17553613 | 17680807 | 17379878 | 17538099 | 0.86   | cps   |
| Terbium    | 159-2 | 9050182  | 9118896  | 9067744  | 9078940  | 0.39   | cps   |
| Thallium   | 203-1 | 342      | 392      | 300      | 344      | 13.32  | cps   |
| Thallium   | 205-1 | 875      | 850      | 800      | 842      | 4.54   | cps   |
| Tin        | 118-1 | 31436    | 31160    | 30100    | 30899    | 2.28   | cps   |
| Titanium   | 47-1  | 1500     | 1350     | 1784     | 1545     | 14.26  | cps   |
| Uranium    | 238-1 | 1784     | 1750     | 1842     | 1792     | 2.59   | cps   |
| Vanadium   | 51-2  | 377      | 390      | 370      | 379      | 2.69   | cps   |
| Yttrium    | 89-1  | 13493660 | 13480687 | 13479747 | 13484698 | 0.06   | cps   |
| Yttrium    | 89-2  | 2170231  | 2161340  | 2183772  | 2171781  | 0.52   | cps   |
| Zinc       | 66-2  | 169955   | 169716   | 170044   | 169905   | 0.10   | cps   |
| Zirconium  | 90-1  | 2809     | 2450     | 2400     | 2553     | 8.73   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-29              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-29-BS-CL102-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:07:32   | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 500  | 667  | 567  | 578     | 14.52  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-30 Instrumnet Name : P7  
 Client Sample ID : DC24741-30-BS-CL102-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:10:56 DataFile Name : 057SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 228083   | 228657   | 232190   | 229643   | 0.97   | cps   |
| Antimony   | 121-1 | 2134     | 2059     | 2159     | 2117     | 2.46   | cps   |
| Arsenic    | 75-2  | 209      | 220      | 265      | 231      | 12.70  | cps   |
| Barium     | 135-1 | 82277    | 85027    | 83743    | 83682    | 1.64   | cps   |
| Barium     | 137-1 | 142996   | 146273   | 144536   | 144602   | 1.13   | cps   |
| Beryllium  | 9-1   | 78       | 78       | 67       | 74       | 8.66   | cps   |
| Bismuth    | 209-1 | 11695685 | 11807523 | 11835128 | 11779445 | 0.63   | cps   |
| Bismuth    | 209-2 | 7159825  | 7235139  | 7151215  | 7182060  | 0.64   | cps   |
| Boron      | 10-1  | 1500     | 1834     | 1642     | 1659     | 10.09  | cps   |
| Boron      | 11-1  | 8845     | 8394     | 8419     | 8553     | 2.96   | cps   |
| Cadmium    | 111-1 | 2219     | 2707     | 2487     | 2471     | 9.89   | cps   |
| Cadmium    | 106-1 | 3075     | 3776     | 3476     | 3442     | 10.21  | cps   |
| Cadmium    | 108-1 | 13       | 33       | 13       | 19       | 61.85  | cps   |
| Calcium    | 43-1  | 292204   | 293724   | 292331   | 292753   | 0.29   | cps   |
| Calcium    | 44-1  | 4923953  | 4819811  | 4901070  | 4881611  | 1.12   | cps   |
| Chromium   | 52-2  | 2057     | 2284     | 2127     | 2156     | 5.38   | cps   |
| Cobalt     | 59-2  | 1293     | 1167     | 1120     | 1193     | 7.52   | cps   |
| Copper     | 63-2  | 6877891  | 6939084  | 6884225  | 6900400  | 0.49   | cps   |
| Dysprosium | 156-1 | 333      | 283      | 300      | 306      | 8.33   | cps   |
| Dysprosium | 156-2 | 237      | 163      | 240      | 213      | 20.31  | cps   |
| Erbium     | 164-1 | 383      | 400      | 367      | 383      | 4.35   | cps   |
| Erbium     | 164-2 | 217      | 197      | 173      | 196      | 11.09  | cps   |
| Gadolinium | 160-1 | 475      | 400      | 517      | 464      | 12.74  | cps   |
| Gadolinium | 160-2 | 367      | 357      | 397      | 373      | 5.58   | cps   |
| Holmium    | 165-1 | 17338923 | 17612719 | 17369432 | 17440358 | 0.86   | cps   |
| Holmium    | 165-2 | 9061850  | 9109156  | 8954454  | 9041820  | 0.88   | cps   |
| Indium     | 115-1 | 13626624 | 13635761 | 13268793 | 13510393 | 1.55   | cps   |
| Indium     | 115-2 | 2794041  | 2798851  | 2763038  | 2785310  | 0.70   | cps   |
| Iron       | 56-2  | 590712   | 596653   | 603713   | 597026   | 1.09   | cps   |
| Iron       | 57-2  | 15603    | 15570    | 15097    | 15423    | 1.84   | cps   |
| Lead       | 206-1 | 20705    | 20778    | 20388    | 20624    | 1.00   | cps   |
| Lead       | 207-1 | 18230    | 17501    | 16744    | 17492    | 4.25   | cps   |
| Lead       | 208-1 | 81521    | 81494    | 80437    | 81151    | 0.76   | cps   |
| Lithium    | 6-1   | 1915095  | 1920696  | 1892811  | 1909534  | 0.77   | cps   |
| Magnesium  | 24-2  | 593251   | 595211   | 594735   | 594399   | 0.17   | cps   |
| Manganese  | 55-2  | 193562   | 192754   | 192275   | 192864   | 0.34   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-30              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-30-BS-CL102-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:10:56   | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1592     | 1725     | 1525     | 1614     | 6.31   | cps   |
| Molybdenum | 95-1  | 358      | 433      | 450      | 414      | 11.80  | cps   |
| Molybdenum | 96-1  | 667      | 508      | 600      | 592      | 13.44  | cps   |
| Molybdenum | 97-1  | 258      | 317      | 250      | 275      | 13.21  | cps   |
| Molybdenum | 98-1  | 658      | 567      | 592      | 606      | 7.83   | cps   |
| Neodymium  | 150-1 | 427      | 293      | 333      | 351      | 19.49  | cps   |
| Neodymium  | 150-2 | 123      | 123      | 180      | 142      | 23.00  | cps   |
| Nickel     | 60-2  | 1977     | 1997     | 1954     | 1976     | 1.10   | cps   |
| Phosphorus | 31-2  | 8428     | 8086     | 7986     | 8166     | 2.84   | cps   |
| Potassium  | 39-2  | 278713   | 282109   | 279094   | 279972   | 0.66   | cps   |
| Rhodium    | 103-1 | 12547405 | 12818373 | 12483357 | 12616378 | 1.41   | cps   |
| Rhodium    | 103-2 | 6145912  | 6169206  | 6173750  | 6162956  | 0.24   | cps   |
| Scandium   | 45-1  | 8616865  | 8705518  | 8694670  | 8672351  | 0.56   | cps   |
| Scandium   | 45-2  | 440747   | 442342   | 433705   | 438932   | 1.05   | cps   |
| Selenium   | 77-2  | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Selenium   | 78-2  | 113      | 111      | 126      | 117      | 6.92   | cps   |
| Selenium   | 82-1  | 117      | 56       | -23      | 50       | 140.04 | cps   |
| Silicon    | 28-1  | 9554648  | 9542614  | 9588198  | 9561820  | 0.25   | cps   |
| Silver     | 109-1 | 192      | 125      | 200      | 172      | 23.87  | cps   |
| Silver     | 107-1 | 192      | 158      | 225      | 192      | 17.39  | cps   |
| Sodium     | 23-2  | 9109351  | 9152296  | 9206277  | 9155975  | 0.53   | cps   |
| Strontium  | 86-1  | 102096   | 101649   | 101591   | 101779   | 0.27   | cps   |
| Strontium  | 88-1  | 896310   | 893640   | 885446   | 891798   | 0.63   | cps   |
| Sulfur     | 34-1  | 528188   | 533751   | 526536   | 529491   | 0.71   | cps   |
| Terbium    | 159-1 | 18016225 | 18285240 | 17866385 | 18055950 | 1.18   | cps   |
| Terbium    | 159-2 | 9089427  | 9089196  | 8994225  | 9057616  | 0.61   | cps   |
| Thallium   | 203-1 | 400      | 375      | 325      | 367      | 10.41  | cps   |
| Thallium   | 205-1 | 742      | 1017     | 917      | 892      | 15.61  | cps   |
| Tin        | 118-1 | 18062    | 17453    | 17854    | 17790    | 1.74   | cps   |
| Titanium   | 47-1  | 2167     | 2025     | 2200     | 2131     | 4.36   | cps   |
| Uranium    | 238-1 | 3417     | 3226     | 3609     | 3417     | 5.61   | cps   |
| Vanadium   | 51-2  | 423      | 490      | 443      | 452      | 7.57   | cps   |
| Yttrium    | 89-1  | 13874091 | 13993089 | 13755867 | 13874349 | 0.85   | cps   |
| Yttrium    | 89-2  | 2181698  | 2191948  | 2168670  | 2180772  | 0.53   | cps   |
| Zinc       | 66-2  | 35039    | 35777    | 34975    | 35264    | 1.26   | cps   |
| Zirconium  | 90-1  | 3492     | 3276     | 3634     | 3467     | 5.21   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-30              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-30-BS-CL102-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:10:56   | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 858  | 867  | 792  | 839     | 4.90   | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-31 Instrumnet Name : P7  
 Client Sample ID : DC24741-31-BS-CL102-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:14:19 DataFile Name : 058SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 73833    | 72149    | 73774    | 73252    | 1.30   | cps   |
| Antimony   | 121-1 | 2817     | 3184     | 2634     | 2878     | 9.73   | cps   |
| Arsenic    | 75-2  | 211      | 248      | 228      | 229      | 8.10   | cps   |
| Barium     | 135-1 | 65204    | 65706    | 64307    | 65072    | 1.09   | cps   |
| Barium     | 137-1 | 116309   | 116199   | 116108   | 116205   | 0.09   | cps   |
| Beryllium  | 9-1   | 33       | 44       | 67       | 48       | 35.25  | cps   |
| Bismuth    | 209-1 | 11500365 | 11538367 | 11482967 | 11507233 | 0.25   | cps   |
| Bismuth    | 209-2 | 7215891  | 7228074  | 7155815  | 7199927  | 0.54   | cps   |
| Boron      | 10-1  | 1617     | 1709     | 1825     | 1717     | 6.08   | cps   |
| Boron      | 11-1  | 8628     | 8686     | 8661     | 8658     | 0.34   | cps   |
| Cadmium    | 111-1 | 3405     | 3130     | 3071     | 3202     | 5.57   | cps   |
| Cadmium    | 106-1 | 3709     | 3392     | 3276     | 3459     | 6.48   | cps   |
| Cadmium    | 108-1 | 154      | 142      | 163      | 153      | 6.86   | cps   |
| Calcium    | 43-1  | 280267   | 278138   | 278155   | 278853   | 0.44   | cps   |
| Calcium    | 44-1  | 4638770  | 4597370  | 4591118  | 4609086  | 0.56   | cps   |
| Chromium   | 52-2  | 1887     | 1950     | 1913     | 1917     | 1.66   | cps   |
| Cobalt     | 59-2  | 1760     | 1683     | 1830     | 1758     | 4.17   | cps   |
| Copper     | 63-2  | 2661477  | 2652791  | 2677605  | 2663958  | 0.47   | cps   |
| Dysprosium | 156-1 | 158      | 125      | 100      | 128      | 22.90  | cps   |
| Dysprosium | 156-2 | 113      | 83       | 67       | 88       | 26.94  | cps   |
| Erbium     | 164-1 | 217      | 217      | 167      | 200      | 14.44  | cps   |
| Erbium     | 164-2 | 70       | 93       | 63       | 76       | 20.86  | cps   |
| Gadolinium | 160-1 | 208      | 183      | 292      | 228      | 24.90  | cps   |
| Gadolinium | 160-2 | 203      | 197      | 233      | 211      | 9.25   | cps   |
| Holmium    | 165-1 | 17510192 | 17261786 | 17276299 | 17349426 | 0.80   | cps   |
| Holmium    | 165-2 | 9146249  | 9237708  | 9083882  | 9155946  | 0.85   | cps   |
| Indium     | 115-1 | 13469982 | 13444424 | 13615907 | 13510104 | 0.68   | cps   |
| Indium     | 115-2 | 2803753  | 2810468  | 2823948  | 2812723  | 0.37   | cps   |
| Iron       | 56-2  | 171377   | 172441   | 171060   | 171626   | 0.42   | cps   |
| Iron       | 57-2  | 4879     | 5068     | 5357     | 5101     | 4.72   | cps   |
| Lead       | 206-1 | 69794    | 70665    | 69649    | 70036    | 0.79   | cps   |
| Lead       | 207-1 | 59707    | 59528    | 59624    | 59619    | 0.15   | cps   |
| Lead       | 208-1 | 274973   | 275064   | 273295   | 274444   | 0.36   | cps   |
| Lithium    | 6-1   | 1902284  | 1901725  | 1908038  | 1904016  | 0.18   | cps   |
| Magnesium  | 24-2  | 545173   | 539136   | 546970   | 543760   | 0.75   | cps   |
| Manganese  | 55-2  | 48881    | 49146    | 49480    | 49169    | 0.61   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-31 Instrumnet Name : P7  
 Client Sample ID : DC24741-31-BS-CL102-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:14:19 DataFile Name : 058SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 733      | 792      | 1042     | 856      | 19.15  | cps   |
| Molybdenum | 95-1  | 350      | 308      | 350      | 336      | 7.16   | cps   |
| Molybdenum | 96-1  | 458      | 450      | 442      | 450      | 1.85   | cps   |
| Molybdenum | 97-1  | 267      | 233      | 375      | 292      | 25.39  | cps   |
| Molybdenum | 98-1  | 500      | 358      | 475      | 444      | 17.01  | cps   |
| Neodymium  | 150-1 | 93       | 93       | 140      | 109      | 24.74  | cps   |
| Neodymium  | 150-2 | 17       | 47       | 30       | 31       | 48.31  | cps   |
| Nickel     | 60-2  | 123888   | 124146   | 124668   | 124234   | 0.32   | cps   |
| Phosphorus | 31-2  | 6927     | 7436     | 7277     | 7213     | 3.61   | cps   |
| Potassium  | 39-2  | 278872   | 273350   | 275377   | 275866   | 1.01   | cps   |
| Rhodium    | 103-1 | 12727764 | 12650324 | 12620453 | 12666180 | 0.44   | cps   |
| Rhodium    | 103-2 | 6165907  | 6241340  | 6202844  | 6203364  | 0.61   | cps   |
| Scandium   | 45-1  | 8570752  | 8525881  | 8583306  | 8559980  | 0.35   | cps   |
| Scandium   | 45-2  | 434054   | 442570   | 436891   | 437838   | 0.99   | cps   |
| Selenium   | 77-2  | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Selenium   | 78-2  | 109      | 106      | 113      | 109      | 3.39   | cps   |
| Selenium   | 82-1  | -7       | 113      | 9        | 38       | 171.46 | cps   |
| Silicon    | 28-1  | 9720074  | 9699883  | 9709904  | 9709954  | 0.10   | cps   |
| Silver     | 109-1 | 317      | 517      | 442      | 425      | 23.77  | cps   |
| Silver     | 107-1 | 483      | 417      | 517      | 472      | 10.78  | cps   |
| Sodium     | 23-2  | 8670322  | 8594894  | 8630212  | 8631809  | 0.44   | cps   |
| Strontium  | 86-1  | 101683   | 99728    | 100601   | 100671   | 0.97   | cps   |
| Strontium  | 88-1  | 870193   | 868332   | 868839   | 869121   | 0.11   | cps   |
| Sulfur     | 34-1  | 522113   | 526519   | 523248   | 523960   | 0.44   | cps   |
| Terbium    | 159-1 | 17999489 | 17897360 | 17932445 | 17943098 | 0.29   | cps   |
| Terbium    | 159-2 | 9163422  | 9116064  | 9234042  | 9171176  | 0.65   | cps   |
| Thallium   | 203-1 | 375      | 500      | 492      | 456      | 15.34  | cps   |
| Thallium   | 205-1 | 1025     | 975      | 983      | 995      | 2.69   | cps   |
| Tin        | 118-1 | 38303    | 38980    | 38520    | 38601    | 0.90   | cps   |
| Titanium   | 47-1  | 1142     | 1183     | 1175     | 1167     | 1.89   | cps   |
| Uranium    | 238-1 | 1158     | 1117     | 1208     | 1161     | 3.95   | cps   |
| Vanadium   | 51-2  | 410      | 347      | 277      | 344      | 19.36  | cps   |
| Yttrium    | 89-1  | 13578521 | 13825992 | 13656975 | 13687163 | 0.92   | cps   |
| Yttrium    | 89-2  | 2194310  | 2192514  | 2215718  | 2200847  | 0.59   | cps   |
| Zinc       | 66-2  | 1021820  | 1014079  | 1010901  | 1015600  | 0.55   | cps   |
| Zirconium  | 90-1  | 1725     | 1759     | 1692     | 1725     | 1.93   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-31              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-31-BS-CL102-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:14:19   | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 450  | 392  | 517  | 453     | 13.81  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-32 Instrumnet Name : P7  
 Client Sample ID : DC24741-32-BS-CL102-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:17:43 DataFile Name : 059SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 273339   | 270175   | 273782   | 272432   | 0.72   | cps   |
| Antimony   | 121-1 | 1233     | 1325     | 1225     | 1261     | 4.40   | cps   |
| Arsenic    | 75-2  | 178      | 183      | 239      | 200      | 16.90  | cps   |
| Barium     | 135-1 | 89102    | 89153    | 89277    | 89177    | 0.10   | cps   |
| Barium     | 137-1 | 156632   | 154744   | 153726   | 155034   | 0.95   | cps   |
| Beryllium  | 9-1   | 61       | 89       | 83       | 78       | 18.90  | cps   |
| Bismuth    | 209-1 | 11615169 | 11704760 | 11423981 | 11581303 | 1.24   | cps   |
| Bismuth    | 209-2 | 7229888  | 7135060  | 7314161  | 7226370  | 1.24   | cps   |
| Boron      | 10-1  | 1842     | 1792     | 1592     | 1742     | 7.60   | cps   |
| Boron      | 11-1  | 9220     | 9036     | 8111     | 8789     | 6.76   | cps   |
| Cadmium    | 111-1 | 2457     | 2302     | 2214     | 2324     | 5.29   | cps   |
| Cadmium    | 106-1 | 3409     | 3175     | 3092     | 3226     | 5.09   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 25       | 17       | 43.30  | cps   |
| Calcium    | 43-1  | 295937   | 293593   | 291959   | 293830   | 0.68   | cps   |
| Calcium    | 44-1  | 4938550  | 4867942  | 4854951  | 4887148  | 0.92   | cps   |
| Chromium   | 52-2  | 2234     | 2060     | 2170     | 2155     | 4.07   | cps   |
| Cobalt     | 59-2  | 1250     | 1220     | 1157     | 1209     | 3.94   | cps   |
| Copper     | 63-2  | 7727459  | 7681914  | 7636084  | 7681819  | 0.59   | cps   |
| Dysprosium | 156-1 | 408      | 567      | 433      | 469      | 18.13  | cps   |
| Dysprosium | 156-2 | 267      | 190      | 220      | 226      | 17.13  | cps   |
| Erbium     | 164-1 | 425      | 583      | 542      | 517      | 15.88  | cps   |
| Erbium     | 164-2 | 287      | 297      | 217      | 267      | 16.35  | cps   |
| Gadolinium | 160-1 | 808      | 708      | 583      | 700      | 16.11  | cps   |
| Gadolinium | 160-2 | 407      | 367      | 423      | 399      | 7.30   | cps   |
| Holmium    | 165-1 | 17644541 | 17383956 | 17336464 | 17454987 | 0.95   | cps   |
| Holmium    | 165-2 | 9093445  | 9082928  | 9304310  | 9160228  | 1.36   | cps   |
| Indium     | 115-1 | 13524514 | 13487030 | 13327330 | 13446291 | 0.78   | cps   |
| Indium     | 115-2 | 2820958  | 2800520  | 2832277  | 2817918  | 0.57   | cps   |
| Iron       | 56-2  | 816368   | 695148   | 707213   | 739576   | 9.03   | cps   |
| Iron       | 57-2  | 18536    | 18290    | 18106    | 18311    | 1.18   | cps   |
| Lead       | 206-1 | 20811    | 21356    | 21279    | 21149    | 1.39   | cps   |
| Lead       | 207-1 | 18324    | 18736    | 18435    | 18499    | 1.15   | cps   |
| Lead       | 208-1 | 83616    | 83887    | 83214    | 83572    | 0.41   | cps   |
| Lithium    | 6-1   | 1908841  | 1909806  | 1872906  | 1897185  | 1.11   | cps   |
| Magnesium  | 24-2  | 596358   | 589385   | 593024   | 592922   | 0.59   | cps   |
| Manganese  | 55-2  | 229944   | 228537   | 228947   | 229143   | 0.32   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-32              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-32-BS-CL102-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:17:43   | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1575     | 1725     | 1542     | 1614     | 6.05   | cps   |
| Molybdenum | 95-1  | 400      | 292      | 375      | 356      | 15.95  | cps   |
| Molybdenum | 96-1  | 575      | 625      | 708      | 636      | 10.59  | cps   |
| Molybdenum | 97-1  | 292      | 325      | 258      | 292      | 11.43  | cps   |
| Molybdenum | 98-1  | 708      | 575      | 550      | 611      | 13.93  | cps   |
| Neodymium  | 150-1 | 447      | 467      | 480      | 464      | 3.61   | cps   |
| Neodymium  | 150-2 | 150      | 123      | 180      | 151      | 18.76  | cps   |
| Nickel     | 60-2  | 1473     | 1580     | 1593     | 1549     | 4.25   | cps   |
| Phosphorus | 31-2  | 8853     | 9320     | 9128     | 9100     | 2.58   | cps   |
| Potassium  | 39-2  | 283487   | 281648   | 281650   | 282262   | 0.38   | cps   |
| Rhodium    | 103-1 | 12766404 | 12786676 | 12463559 | 12672213 | 1.43   | cps   |
| Rhodium    | 103-2 | 6232261  | 6207380  | 6213680  | 6217774  | 0.21   | cps   |
| Scandium   | 45-1  | 8626422  | 8543397  | 8388943  | 8519587  | 1.41   | cps   |
| Scandium   | 45-2  | 441771   | 443685   | 448586   | 444681   | 0.79   | cps   |
| Selenium   | 77-2  | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 120      | 122      | 137      | 127      | 7.22   | cps   |
| Selenium   | 82-1  | 274      | 100      | 205      | 193      | 45.49  | cps   |
| Silicon    | 28-1  | 9757150  | 9568092  | 9571368  | 9632204  | 1.12   | cps   |
| Silver     | 109-1 | 108      | 117      | 192      | 139      | 33.05  | cps   |
| Silver     | 107-1 | 175      | 175      | 200      | 183      | 7.87   | cps   |
| Sodium     | 23-2  | 9226031  | 9155440  | 9214494  | 9198655  | 0.41   | cps   |
| Strontium  | 86-1  | 105931   | 105704   | 103588   | 105074   | 1.23   | cps   |
| Strontium  | 88-1  | 913331   | 904391   | 904450   | 907391   | 0.57   | cps   |
| Sulfur     | 34-1  | 522333   | 522138   | 516874   | 520448   | 0.60   | cps   |
| Terbium    | 159-1 | 18196069 | 18044926 | 17866594 | 18035863 | 0.91   | cps   |
| Terbium    | 159-2 | 9156046  | 9178485  | 9288121  | 9207551  | 0.77   | cps   |
| Thallium   | 203-1 | 283      | 333      | 400      | 339      | 17.27  | cps   |
| Thallium   | 205-1 | 817      | 858      | 650      | 775      | 14.23  | cps   |
| Tin        | 118-1 | 18738    | 18872    | 18254    | 18621    | 1.74   | cps   |
| Titanium   | 47-1  | 3236     | 2442     | 2384     | 2687     | 17.72  | cps   |
| Uranium    | 238-1 | 4151     | 3984     | 3742     | 3959     | 5.19   | cps   |
| Vanadium   | 51-2  | 513      | 517      | 597      | 542      | 8.70   | cps   |
| Yttrium    | 89-1  | 14002084 | 13748989 | 13583989 | 13778354 | 1.53   | cps   |
| Yttrium    | 89-2  | 2190858  | 2183454  | 2218695  | 2197669  | 0.85   | cps   |
| Zinc       | 66-2  | 29954    | 30292    | 29530    | 29925    | 1.28   | cps   |
| Zirconium  | 90-1  | 3942     | 3784     | 3943     | 3890     | 2.35   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-32              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-32-BS-CL102-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:17:43   | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 858  | 875  | 792  | 842     | 5.24   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-33 Instrumnet Name : P7  
 Client Sample ID : DC24741-33-FL1-BRW-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:21:07 DataFile Name : 060SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2142     | 2209     | 2375     | 2242     | 5.36   | cps   |
| Antimony   | 121-1 | 2500     | 2225     | 2225     | 2317     | 6.85   | cps   |
| Arsenic    | 75-2  | 181      | 163      | 194      | 180      | 8.81   | cps   |
| Barium     | 135-1 | 72674    | 72163    | 71158    | 71998    | 1.07   | cps   |
| Barium     | 137-1 | 125581   | 126699   | 125101   | 125794   | 0.65   | cps   |
| Beryllium  | 9-1   | 6        | 17       | 28       | 17       | 66.65  | cps   |
| Bismuth    | 209-1 | 11370534 | 11349264 | 11287170 | 11335656 | 0.38   | cps   |
| Bismuth    | 209-2 | 7039351  | 7170890  | 6895082  | 7035108  | 1.96   | cps   |
| Boron      | 10-1  | 1767     | 1692     | 1583     | 1681     | 5.48   | cps   |
| Boron      | 11-1  | 8061     | 8653     | 8069     | 8261     | 4.11   | cps   |
| Cadmium    | 111-1 | 2633     | 2658     | 2350     | 2547     | 6.70   | cps   |
| Cadmium    | 106-1 | 3659     | 3692     | 3251     | 3534     | 6.96   | cps   |
| Cadmium    | 108-1 | 29       | 21       | 42       | 31       | 34.33  | cps   |
| Calcium    | 43-1  | 275713   | 272588   | 268788   | 272363   | 1.27   | cps   |
| Calcium    | 44-1  | 4538322  | 4515599  | 4475829  | 4509917  | 0.70   | cps   |
| Chromium   | 52-2  | 2657     | 2527     | 2667     | 2617     | 2.99   | cps   |
| Cobalt     | 59-2  | 287      | 307      | 307      | 300      | 3.85   | cps   |
| Copper     | 63-2  | 1056485  | 1057827  | 1062628  | 1058980  | 0.30   | cps   |
| Dysprosium | 156-1 | 108      | 83       | 125      | 106      | 19.87  | cps   |
| Dysprosium | 156-2 | 27       | 47       | 70       | 48       | 45.39  | cps   |
| Erbium     | 164-1 | 100      | 125      | 142      | 122      | 17.16  | cps   |
| Erbium     | 164-2 | 83       | 60       | 63       | 69       | 18.32  | cps   |
| Gadolinium | 160-1 | 225      | 250      | 158      | 211      | 22.45  | cps   |
| Gadolinium | 160-2 | 197      | 163      | 160      | 173      | 11.70  | cps   |
| Holmium    | 165-1 | 17550735 | 17323769 | 17154039 | 17342848 | 1.15   | cps   |
| Holmium    | 165-2 | 8842479  | 8977027  | 8817074  | 8878860  | 0.97   | cps   |
| Indium     | 115-1 | 13288552 | 13316908 | 13077055 | 13227505 | 0.99   | cps   |
| Indium     | 115-2 | 2754382  | 2773324  | 2698678  | 2742128  | 1.42   | cps   |
| Iron       | 56-2  | 111205   | 108744   | 123438   | 114462   | 6.88   | cps   |
| Iron       | 57-2  | 3284     | 3501     | 3795     | 3527     | 7.28   | cps   |
| Lead       | 206-1 | 26048    | 26538    | 25481    | 26022    | 2.03   | cps   |
| Lead       | 207-1 | 22876    | 22753    | 22275    | 22635    | 1.40   | cps   |
| Lead       | 208-1 | 103983   | 103797   | 102318   | 103366   | 0.88   | cps   |
| Lithium    | 6-1   | 1899143  | 1877055  | 1849643  | 1875280  | 1.32   | cps   |
| Magnesium  | 24-2  | 514313   | 520977   | 521776   | 519022   | 0.79   | cps   |
| Manganese  | 55-2  | 36840    | 37855    | 37301    | 37332    | 1.36   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-33-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:21:07  | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 875      | 833      | 833      | 847      | 2.84   | cps   |
| Molybdenum | 95-1  | 467      | 450      | 425      | 447      | 4.69   | cps   |
| Molybdenum | 96-1  | 583      | 483      | 467      | 511      | 12.35  | cps   |
| Molybdenum | 97-1  | 292      | 308      | 292      | 297      | 3.24   | cps   |
| Molybdenum | 98-1  | 717      | 558      | 508      | 594      | 18.30  | cps   |
| Neodymium  | 150-1 | 80       | 147      | 47       | 91       | 55.89  | cps   |
| Neodymium  | 150-2 | 17       | 20       | 40       | 26       | 49.38  | cps   |
| Nickel     | 60-2  | 3787     | 4047     | 3874     | 3903     | 3.39   | cps   |
| Phosphorus | 31-2  | 7169     | 8027     | 7194     | 7463     | 6.55   | cps   |
| Potassium  | 39-2  | 260246   | 261067   | 260337   | 260550   | 0.17   | cps   |
| Rhodium    | 103-1 | 12704814 | 12654578 | 12330590 | 12563327 | 1.62   | cps   |
| Rhodium    | 103-2 | 6078197  | 6200328  | 5905452  | 6061325  | 2.44   | cps   |
| Scandium   | 45-1  | 8575340  | 8606109  | 8391657  | 8524368  | 1.36   | cps   |
| Scandium   | 45-2  | 430132   | 433483   | 420756   | 428124   | 1.54   | cps   |
| Selenium   | 77-2  | 3        | 0        | 10       | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 120      | 100      | 115      | 112      | 9.43   | cps   |
| Selenium   | 82-1  | 28       | 87       | 181      | 99       | 78.61  | cps   |
| Silicon    | 28-1  | 9284389  | 9199999  | 9361965  | 9282118  | 0.87   | cps   |
| Silver     | 109-1 | 467      | 492      | 442      | 467      | 5.36   | cps   |
| Silver     | 107-1 | 442      | 383      | 558      | 461      | 19.32  | cps   |
| Sodium     | 23-2  | 8455597  | 8533020  | 8568183  | 8518934  | 0.68   | cps   |
| Strontium  | 86-1  | 98311    | 97581    | 97539    | 97810    | 0.44   | cps   |
| Strontium  | 88-1  | 853501   | 856415   | 846036   | 851984   | 0.63   | cps   |
| Sulfur     | 34-1  | 516335   | 514893   | 510579   | 513936   | 0.58   | cps   |
| Terbium    | 159-1 | 17824561 | 17633946 | 17700879 | 17719796 | 0.55   | cps   |
| Terbium    | 159-2 | 9002140  | 8955191  | 8813438  | 8923589  | 1.10   | cps   |
| Thallium   | 203-1 | 492      | 317      | 475      | 428      | 22.58  | cps   |
| Thallium   | 205-1 | 825      | 708      | 808      | 781      | 8.08   | cps   |
| Tin        | 118-1 | 1834     | 1742     | 1734     | 1770     | 3.14   | cps   |
| Titanium   | 47-1  | 1000     | 1233     | 892      | 1042     | 16.76  | cps   |
| Uranium    | 238-1 | 600      | 783      | 642      | 675      | 14.24  | cps   |
| Vanadium   | 51-2  | 237      | 283      | 290      | 270      | 10.76  | cps   |
| Yttrium    | 89-1  | 13653526 | 13606368 | 13618811 | 13626235 | 0.18   | cps   |
| Yttrium    | 89-2  | 2155572  | 2170135  | 2114770  | 2146825  | 1.34   | cps   |
| Zinc       | 66-2  | 140559   | 142514   | 142295   | 141789   | 0.76   | cps   |
| Zirconium  | 90-1  | 1775     | 1800     | 1725     | 1767     | 2.16   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-33-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:21:07  | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 358  | 375  | 300  | 344     | 11.43  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-34 Instrumnet Name : P7  
 Client Sample ID : DC24741-34-FL1-BRW-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:24:31 DataFile Name : 061SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2484     | 2109     | 2134     | 2242     | 9.36   | cps   |
| Antimony   | 121-1 | 1025     | 958      | 983      | 989      | 3.41   | cps   |
| Arsenic    | 75-2  | 209      | 204      | 183      | 199      | 6.87   | cps   |
| Barium     | 135-1 | 69307    | 68989    | 70546    | 69614    | 1.18   | cps   |
| Barium     | 137-1 | 121646   | 121941   | 121453   | 121680   | 0.20   | cps   |
| Beryllium  | 9-1   | 72       | 56       | 28       | 52       | 43.30  | cps   |
| Bismuth    | 209-1 | 11354659 | 11214287 | 11316848 | 11295265 | 0.64   | cps   |
| Bismuth    | 209-2 | 7136811  | 7107790  | 6959434  | 7068012  | 1.35   | cps   |
| Boron      | 10-1  | 1650     | 1458     | 1492     | 1533     | 6.68   | cps   |
| Boron      | 11-1  | 8077     | 8027     | 8536     | 8214     | 3.41   | cps   |
| Cadmium    | 111-1 | 2414     | 2338     | 2534     | 2429     | 4.08   | cps   |
| Cadmium    | 106-1 | 3426     | 3309     | 3601     | 3445     | 4.26   | cps   |
| Cadmium    | 108-1 | 25       | 17       | 4        | 15       | 68.61  | cps   |
| Calcium    | 43-1  | 266360   | 265333   | 268673   | 266789   | 0.64   | cps   |
| Calcium    | 44-1  | 4436512  | 4379681  | 4408060  | 4408084  | 0.64   | cps   |
| Chromium   | 52-2  | 2030     | 1937     | 1930     | 1966     | 2.84   | cps   |
| Cobalt     | 59-2  | 203      | 240      | 213      | 219      | 8.66   | cps   |
| Copper     | 63-2  | 170726   | 172139   | 169995   | 170953   | 0.64   | cps   |
| Dysprosium | 156-1 | 75       | 83       | 92       | 83       | 10.00  | cps   |
| Dysprosium | 156-2 | 63       | 37       | 60       | 53       | 27.24  | cps   |
| Erbium     | 164-1 | 175      | 133      | 158      | 156      | 13.48  | cps   |
| Erbium     | 164-2 | 67       | 63       | 113      | 81       | 34.47  | cps   |
| Gadolinium | 160-1 | 150      | 217      | 233      | 200      | 22.05  | cps   |
| Gadolinium | 160-2 | 250      | 190      | 193      | 211      | 15.97  | cps   |
| Holmium    | 165-1 | 17083008 | 17165960 | 17132532 | 17127167 | 0.24   | cps   |
| Holmium    | 165-2 | 9009808  | 9112733  | 8910979  | 9011173  | 1.12   | cps   |
| Indium     | 115-1 | 13266402 | 13271807 | 13205170 | 13247793 | 0.28   | cps   |
| Indium     | 115-2 | 2785498  | 2773308  | 2772303  | 2777036  | 0.26   | cps   |
| Iron       | 56-2  | 130185   | 128877   | 121958   | 127007   | 3.48   | cps   |
| Iron       | 57-2  | 3917     | 3995     | 3756     | 3890     | 3.13   | cps   |
| Lead       | 206-1 | 6496     | 6924     | 6507     | 6643     | 3.67   | cps   |
| Lead       | 207-1 | 5746     | 5763     | 6040     | 5850     | 2.83   | cps   |
| Lead       | 208-1 | 26801    | 26733    | 26622    | 26719    | 0.34   | cps   |
| Lithium    | 6-1   | 1837496  | 1822181  | 1840756  | 1833478  | 0.54   | cps   |
| Magnesium  | 24-2  | 524097   | 525438   | 523208   | 524248   | 0.21   | cps   |
| Manganese  | 55-2  | 46694    | 47697    | 46828    | 47073    | 1.16   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-34-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:24:31  | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 850      | 642      | 825      | 772      | 14.73  | cps   |
| Molybdenum | 95-1  | 417      | 325      | 308      | 350      | 16.67  | cps   |
| Molybdenum | 96-1  | 425      | 442      | 433      | 433      | 1.92   | cps   |
| Molybdenum | 97-1  | 325      | 167      | 342      | 278      | 34.77  | cps   |
| Molybdenum | 98-1  | 642      | 608      | 567      | 606      | 6.21   | cps   |
| Neodymium  | 150-1 | 100      | 73       | 107      | 93       | 18.89  | cps   |
| Neodymium  | 150-2 | 43       | 43       | 47       | 44       | 4.34   | cps   |
| Nickel     | 60-2  | 817      | 973      | 807      | 866      | 10.80  | cps   |
| Phosphorus | 31-2  | 7060     | 7377     | 8261     | 7566     | 8.22   | cps   |
| Potassium  | 39-2  | 267679   | 265462   | 266501   | 266547   | 0.42   | cps   |
| Rhodium    | 103-1 | 12309457 | 12261899 | 12325958 | 12299105 | 0.27   | cps   |
| Rhodium    | 103-2 | 6124097  | 6065196  | 6077670  | 6088988  | 0.51   | cps   |
| Scandium   | 45-1  | 8351347  | 8302321  | 8408415  | 8354028  | 0.64   | cps   |
| Scandium   | 45-2  | 432268   | 430507   | 430898   | 431224   | 0.21   | cps   |
| Selenium   | 77-2  | 7        | 7        | 3        | 6        | 34.70  | cps   |
| Selenium   | 78-2  | 137      | 104      | 117      | 119      | 14.10  | cps   |
| Selenium   | 82-1  | 93       | 91       | 9        | 64       | 75.00  | cps   |
| Silicon    | 28-1  | 9274834  | 9079219  | 9203857  | 9185970  | 1.08   | cps   |
| Silver     | 109-1 | 217      | 158      | 117      | 164      | 30.65  | cps   |
| Silver     | 107-1 | 250      | 275      | 175      | 233      | 22.30  | cps   |
| Sodium     | 23-2  | 8739581  | 8831177  | 8694029  | 8754929  | 0.80   | cps   |
| Strontium  | 86-1  | 97664    | 96339    | 94794    | 96266    | 1.49   | cps   |
| Strontium  | 88-1  | 833554   | 841155   | 837979   | 837562   | 0.46   | cps   |
| Sulfur     | 34-1  | 514902   | 509319   | 509286   | 511169   | 0.63   | cps   |
| Terbium    | 159-1 | 17621883 | 17640828 | 17503791 | 17588834 | 0.42   | cps   |
| Terbium    | 159-2 | 8983729  | 9036681  | 8958388  | 8992933  | 0.44   | cps   |
| Thallium   | 203-1 | 383      | 342      | 325      | 350      | 8.58   | cps   |
| Thallium   | 205-1 | 850      | 667      | 758      | 758      | 12.09  | cps   |
| Tin        | 118-1 | 1200     | 1142     | 1083     | 1142     | 5.11   | cps   |
| Titanium   | 47-1  | 942      | 1225     | 975      | 1047     | 14.79  | cps   |
| Uranium    | 238-1 | 892      | 958      | 767      | 872      | 11.16  | cps   |
| Vanadium   | 51-2  | 267      | 303      | 367      | 312      | 16.20  | cps   |
| Yttrium    | 89-1  | 13382510 | 13418586 | 13573544 | 13458214 | 0.75   | cps   |
| Yttrium    | 89-2  | 2164425  | 2161742  | 2157406  | 2161191  | 0.16   | cps   |
| Zinc       | 66-2  | 19083    | 18679    | 18579    | 18780    | 1.42   | cps   |
| Zirconium  | 90-1  | 1617     | 1542     | 1508     | 1556     | 3.57   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-34-FL1-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:24:31  | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 450  | 308  | 425  | 394     | 19.17  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-35 Instrumnet Name : P7  
 Client Sample ID : DC24741-35-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:27:56 DataFile Name : 062SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2384     | 2109     | 1925     | 2139     | 10.79  | cps   |
| Antimony   | 121-1 | 1317     | 1200     | 1167     | 1228     | 6.42   | cps   |
| Arsenic    | 75-2  | 189      | 207      | 178      | 191      | 7.82   | cps   |
| Barium     | 135-1 | 70680    | 69416    | 68503    | 69533    | 1.57   | cps   |
| Barium     | 137-1 | 122915   | 121258   | 120520   | 121564   | 1.01   | cps   |
| Beryllium  | 9-1   | 44       | 44       | 33       | 41       | 15.76  | cps   |
| Bismuth    | 209-1 | 10941512 | 11277500 | 11339058 | 11186023 | 1.91   | cps   |
| Bismuth    | 209-2 | 7164146  | 7143662  | 7010680  | 7106163  | 1.17   | cps   |
| Boron      | 10-1  | 1508     | 1742     | 1767     | 1672     | 8.52   | cps   |
| Boron      | 11-1  | 8144     | 8336     | 8878     | 8453     | 4.50   | cps   |
| Cadmium    | 111-1 | 2425     | 2255     | 2352     | 2344     | 3.63   | cps   |
| Cadmium    | 106-1 | 3417     | 3150     | 3351     | 3306     | 4.20   | cps   |
| Cadmium    | 108-1 | 25       | 13       | 38       | 25       | 50.00  | cps   |
| Calcium    | 43-1  | 265725   | 261442   | 261926   | 263031   | 0.89   | cps   |
| Calcium    | 44-1  | 4360915  | 4320284  | 4347367  | 4342855  | 0.48   | cps   |
| Chromium   | 52-2  | 2307     | 2060     | 2294     | 2220     | 6.25   | cps   |
| Cobalt     | 59-2  | 300      | 320      | 337      | 319      | 5.76   | cps   |
| Copper     | 63-2  | 508686   | 510303   | 507644   | 508878   | 0.26   | cps   |
| Dysprosium | 156-1 | 92       | 58       | 100      | 83       | 26.45  | cps   |
| Dysprosium | 156-2 | 40       | 57       | 60       | 52       | 20.52  | cps   |
| Erbium     | 164-1 | 208      | 142      | 208      | 186      | 20.68  | cps   |
| Erbium     | 164-2 | 50       | 50       | 83       | 61       | 31.49  | cps   |
| Gadolinium | 160-1 | 208      | 225      | 167      | 200      | 15.02  | cps   |
| Gadolinium | 160-2 | 197      | 180      | 210      | 196      | 7.69   | cps   |
| Holmium    | 165-1 | 16989696 | 17016366 | 16934706 | 16980256 | 0.25   | cps   |
| Holmium    | 165-2 | 8964620  | 8990903  | 8914148  | 8956557  | 0.44   | cps   |
| Indium     | 115-1 | 13042744 | 13148472 | 13155766 | 13115660 | 0.48   | cps   |
| Indium     | 115-2 | 2796662  | 2783606  | 2758185  | 2779484  | 0.70   | cps   |
| Iron       | 56-2  | 111867   | 114614   | 156622   | 127701   | 19.64  | cps   |
| Iron       | 57-2  | 3745     | 3462     | 3601     | 3602     | 3.93   | cps   |
| Lead       | 206-1 | 23644    | 24106    | 23299    | 23683    | 1.71   | cps   |
| Lead       | 207-1 | 20422    | 20355    | 19837    | 20205    | 1.58   | cps   |
| Lead       | 208-1 | 94305    | 94132    | 93035    | 93824    | 0.73   | cps   |
| Lithium    | 6-1   | 1830746  | 1828628  | 1835750  | 1831708  | 0.20   | cps   |
| Magnesium  | 24-2  | 519928   | 523646   | 519243   | 520939   | 0.45   | cps   |
| Manganese  | 55-2  | 45540    | 45243    | 45387    | 45390    | 0.33   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-35             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-35-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:27:56  | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 750      | 783      | 783      | 772      | 2.49   | cps   |
| Molybdenum | 95-1  | 300      | 300      | 417      | 339      | 19.88  | cps   |
| Molybdenum | 96-1  | 458      | 517      | 475      | 483      | 6.22   | cps   |
| Molybdenum | 97-1  | 233      | 300      | 300      | 278      | 13.86  | cps   |
| Molybdenum | 98-1  | 475      | 475      | 500      | 483      | 2.99   | cps   |
| Neodymium  | 150-1 | 53       | 60       | 53       | 56       | 6.92   | cps   |
| Neodymium  | 150-2 | 47       | 27       | 33       | 36       | 28.64  | cps   |
| Nickel     | 60-2  | 6041     | 6091     | 5881     | 6005     | 1.83   | cps   |
| Phosphorus | 31-2  | 7894     | 7602     | 7577     | 7691     | 2.29   | cps   |
| Potassium  | 39-2  | 265428   | 265114   | 266492   | 265678   | 0.27   | cps   |
| Rhodium    | 103-1 | 12402347 | 12330547 | 12278915 | 12337270 | 0.50   | cps   |
| Rhodium    | 103-2 | 6084278  | 6132738  | 6065821  | 6094279  | 0.57   | cps   |
| Scandium   | 45-1  | 8377562  | 8257941  | 8305418  | 8313640  | 0.72   | cps   |
| Scandium   | 45-2  | 436428   | 436021   | 428568   | 433672   | 1.02   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 115      | 115      | 113      | 114      | 0.94   | cps   |
| Selenium   | 82-1  | -1       | 116      | 5        | 40       | 165.39 | cps   |
| Silicon    | 28-1  | 9111285  | 9195172  | 9107794  | 9138084  | 0.54   | cps   |
| Silver     | 109-1 | 358      | 217      | 367      | 314      | 26.86  | cps   |
| Silver     | 107-1 | 342      | 317      | 300      | 319      | 6.57   | cps   |
| Sodium     | 23-2  | 8614022  | 8641623  | 8591257  | 8615634  | 0.29   | cps   |
| Strontium  | 86-1  | 95768    | 96901    | 94619    | 95763    | 1.19   | cps   |
| Strontium  | 88-1  | 841656   | 833335   | 827316   | 834103   | 0.86   | cps   |
| Sulfur     | 34-1  | 518301   | 520985   | 525246   | 521511   | 0.67   | cps   |
| Terbium    | 159-1 | 17382496 | 17386252 | 17448866 | 17405871 | 0.21   | cps   |
| Terbium    | 159-2 | 9051775  | 9028278  | 8949977  | 9010010  | 0.59   | cps   |
| Thallium   | 203-1 | 458      | 333      | 342      | 378      | 18.50  | cps   |
| Thallium   | 205-1 | 817      | 742      | 875      | 811      | 8.24   | cps   |
| Tin        | 118-1 | 1634     | 1525     | 1817     | 1659     | 8.89   | cps   |
| Titanium   | 47-1  | 975      | 1083     | 983      | 1014     | 5.95   | cps   |
| Uranium    | 238-1 | 708      | 625      | 608      | 647      | 8.28   | cps   |
| Vanadium   | 51-2  | 300      | 287      | 277      | 288      | 4.07   | cps   |
| Yttrium    | 89-1  | 13444885 | 13575063 | 13399980 | 13473309 | 0.67   | cps   |
| Yttrium    | 89-2  | 2169765  | 2175411  | 2162690  | 2169289  | 0.29   | cps   |
| Zinc       | 66-2  | 67867    | 66896    | 67723    | 67495    | 0.78   | cps   |
| Zirconium  | 90-1  | 1767     | 1700     | 1684     | 1717     | 2.58   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-35             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-35-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:27:56  | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 425  | 342  | 233  | 333     | 28.83  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4660-36 Instrumnet Name : P7  
 Client Sample ID : DC24741-36-FL1-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:31:20 DataFile Name : 063SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1742     | 2051     | 1759     | 1850     | 9.39   | cps   |
| Antimony   | 121-1 | 933      | 758      | 800      | 831      | 11.01  | cps   |
| Arsenic    | 75-2  | 143      | 200      | 172      | 172      | 16.73  | cps   |
| Barium     | 135-1 | 70211    | 68654    | 69691    | 69519    | 1.14   | cps   |
| Barium     | 137-1 | 121529   | 121191   | 118427   | 120382   | 1.41   | cps   |
| Beryllium  | 9-1   | 22       | 39       | 28       | 30       | 28.65  | cps   |
| Bismuth    | 209-1 | 11345046 | 11493125 | 11297864 | 11378678 | 0.90   | cps   |
| Bismuth    | 209-2 | 7056036  | 7148118  | 7148187  | 7117447  | 0.75   | cps   |
| Boron      | 10-1  | 1592     | 1759     | 1625     | 1658     | 5.32   | cps   |
| Boron      | 11-1  | 8511     | 8111     | 8920     | 8514     | 4.75   | cps   |
| Cadmium    | 111-1 | 2477     | 2114     | 2370     | 2320     | 8.02   | cps   |
| Cadmium    | 106-1 | 3509     | 3000     | 3342     | 3284     | 7.89   | cps   |
| Cadmium    | 108-1 | 13       | 33       | 4        | 17       | 90.12  | cps   |
| Calcium    | 43-1  | 265568   | 265628   | 268904   | 266700   | 0.72   | cps   |
| Calcium    | 44-1  | 4451234  | 4448266  | 4421003  | 4440168  | 0.38   | cps   |
| Chromium   | 52-2  | 1947     | 2107     | 1967     | 2007     | 4.34   | cps   |
| Cobalt     | 59-2  | 283      | 253      | 247      | 261      | 7.48   | cps   |
| Copper     | 63-2  | 122175   | 123533   | 122376   | 122695   | 0.60   | cps   |
| Dysprosium | 156-1 | 75       | 250      | 100      | 142      | 66.85  | cps   |
| Dysprosium | 156-2 | 80       | 63       | 80       | 74       | 12.93  | cps   |
| Erbium     | 164-1 | 125      | 183      | 100      | 136      | 31.42  | cps   |
| Erbium     | 164-2 | 67       | 73       | 60       | 67       | 10.00  | cps   |
| Gadolinium | 160-1 | 175      | 175      | 242      | 197      | 19.52  | cps   |
| Gadolinium | 160-2 | 190      | 227      | 200      | 206      | 9.22   | cps   |
| Holmium    | 165-1 | 17276681 | 17108904 | 17084725 | 17156770 | 0.61   | cps   |
| Holmium    | 165-2 | 8973940  | 9043624  | 9054671  | 9024078  | 0.49   | cps   |
| Indium     | 115-1 | 13254430 | 13205146 | 13248123 | 13235900 | 0.20   | cps   |
| Indium     | 115-2 | 2783190  | 2792664  | 2764635  | 2780163  | 0.51   | cps   |
| Iron       | 56-2  | 133810   | 127419   | 126055   | 129095   | 3.21   | cps   |
| Iron       | 57-2  | 4034     | 3945     | 3990     | 3990     | 1.11   | cps   |
| Lead       | 206-1 | 2995     | 2923     | 3050     | 2989     | 2.14   | cps   |
| Lead       | 207-1 | 2628     | 2700     | 2739     | 2689     | 2.10   | cps   |
| Lead       | 208-1 | 12408    | 12069    | 12119    | 12199    | 1.50   | cps   |
| Lithium    | 6-1   | 1878501  | 1883023  | 1845426  | 1868983  | 1.10   | cps   |
| Magnesium  | 24-2  | 528389   | 528429   | 527829   | 528216   | 0.06   | cps   |
| Manganese  | 55-2  | 46416    | 47671    | 46340    | 46809    | 1.60   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-36             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-36-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:31:20  | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 742      | 917      | 725      | 795      | 13.37  | cps   |
| Molybdenum | 95-1  | 400      | 283      | 342      | 342      | 17.07  | cps   |
| Molybdenum | 96-1  | 550      | 492      | 633      | 558      | 12.75  | cps   |
| Molybdenum | 97-1  | 217      | 233      | 358      | 269      | 28.74  | cps   |
| Molybdenum | 98-1  | 667      | 542      | 583      | 597      | 10.66  | cps   |
| Neodymium  | 150-1 | 73       | 113      | 107      | 98       | 21.92  | cps   |
| Neodymium  | 150-2 | 43       | 50       | 33       | 42       | 19.87  | cps   |
| Nickel     | 60-2  | 1563     | 1720     | 1650     | 1645     | 4.77   | cps   |
| Phosphorus | 31-2  | 8028     | 7777     | 7327     | 7711     | 4.60   | cps   |
| Potassium  | 39-2  | 267367   | 272128   | 268328   | 269274   | 0.93   | cps   |
| Rhodium    | 103-1 | 12412860 | 12508942 | 12440988 | 12454263 | 0.40   | cps   |
| Rhodium    | 103-2 | 6152526  | 6135260  | 6136561  | 6141449  | 0.16   | cps   |
| Scandium   | 45-1  | 8491215  | 8475681  | 8389975  | 8452290  | 0.65   | cps   |
| Scandium   | 45-2  | 431849   | 439563   | 433641   | 435018   | 0.93   | cps   |
| Selenium   | 77-2  | 0        | 10       | 3        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 106      | 133      | 106      | 115      | 13.97  | cps   |
| Selenium   | 82-1  | 63       | 22       | 77       | 54       | 52.46  | cps   |
| Silicon    | 28-1  | 9386137  | 9394344  | 9301569  | 9360683  | 0.55   | cps   |
| Silver     | 109-1 | 150      | 125      | 183      | 153      | 19.15  | cps   |
| Silver     | 107-1 | 158      | 208      | 225      | 197      | 17.59  | cps   |
| Sodium     | 23-2  | 8770893  | 8743623  | 8741679  | 8752065  | 0.19   | cps   |
| Strontium  | 86-1  | 99116    | 98244    | 95946    | 97769    | 1.68   | cps   |
| Strontium  | 88-1  | 846604   | 843864   | 839168   | 843212   | 0.45   | cps   |
| Sulfur     | 34-1  | 530285   | 536775   | 533398   | 533486   | 0.61   | cps   |
| Terbium    | 159-1 | 17793994 | 17547592 | 17584655 | 17642081 | 0.75   | cps   |
| Terbium    | 159-2 | 9065246  | 9011424  | 9074672  | 9050448  | 0.38   | cps   |
| Thallium   | 203-1 | 350      | 408      | 425      | 394      | 9.98   | cps   |
| Thallium   | 205-1 | 933      | 817      | 850      | 867      | 6.93   | cps   |
| Tin        | 118-1 | 725      | 817      | 950      | 831      | 13.62  | cps   |
| Titanium   | 47-1  | 1017     | 1050     | 950      | 1006     | 5.06   | cps   |
| Uranium    | 238-1 | 875      | 675      | 875      | 808      | 14.29  | cps   |
| Vanadium   | 51-2  | 237      | 303      | 280      | 273      | 12.38  | cps   |
| Yttrium    | 89-1  | 13572839 | 13551508 | 13539604 | 13554650 | 0.12   | cps   |
| Yttrium    | 89-2  | 2169207  | 2177874  | 2173094  | 2173391  | 0.20   | cps   |
| Zinc       | 66-2  | 15268    | 15308    | 15111    | 15229    | 0.68   | cps   |
| Zirconium  | 90-1  | 1634     | 1642     | 1659     | 1645     | 0.77   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4660-36             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-36-FL1-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:31:20  | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 408  | 350  | 358     | 12.95  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV69               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV69               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:34:43 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2142     | 2009     | 2200     | 2117     | 4.64   | cps   |
| Antimony   | 121-1 | 225      | 225      | 217      | 222      | 2.16   | cps   |
| Arsenic    | 75-2  | 11       | 4        | 6        | 7        | 56.78  | cps   |
| Barium     | 135-1 | 75       | 50       | 125      | 83       | 45.83  | cps   |
| Barium     | 137-1 | 167      | 67       | 108      | 114      | 44.10  | cps   |
| Beryllium  | 9-1   | 17       | 39       | 39       | 31       | 40.75  | cps   |
| Bismuth    | 209-1 | 10769176 | 10821039 | 10796888 | 10795701 | 0.24   | cps   |
| Bismuth    | 209-2 | 6582808  | 6652087  | 6620698  | 6618531  | 0.52   | cps   |
| Boron      | 10-1  | 458      | 375      | 317      | 383      | 18.57  | cps   |
| Boron      | 11-1  | 1800     | 2109     | 1859     | 1922     | 8.52   | cps   |
| Cadmium    | 111-1 | 2378     | 2265     | 2174     | 2272     | 4.49   | cps   |
| Cadmium    | 106-1 | 3392     | 3209     | 3100     | 3234     | 4.56   | cps   |
| Cadmium    | 108-1 | 25       | 21       | 13       | 19       | 32.73  | cps   |
| Calcium    | 43-1  | 875      | 892      | 917      | 895      | 2.34   | cps   |
| Calcium    | 44-1  | 25097    | 25648    | 25673    | 25473    | 1.28   | cps   |
| Chromium   | 52-2  | 1837     | 1813     | 1663     | 1771     | 5.31   | cps   |
| Cobalt     | 59-2  | 113      | 147      | 137      | 132      | 12.93  | cps   |
| Copper     | 63-2  | 1347     | 1493     | 1433     | 1425     | 5.18   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 25       | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 67       | 25       | 83       | 58       | 51.51  | cps   |
| Erbium     | 164-2 | 30       | 27       | 23       | 27       | 12.51  | cps   |
| Gadolinium | 160-1 | 92       | 75       | 83       | 83       | 10.00  | cps   |
| Gadolinium | 160-2 | 117      | 117      | 147      | 127      | 13.67  | cps   |
| Holmium    | 165-1 | 16187189 | 16406309 | 16173237 | 16255578 | 0.80   | cps   |
| Holmium    | 165-2 | 8576864  | 8643866  | 8500951  | 8573894  | 0.83   | cps   |
| Indium     | 115-1 | 12442314 | 12383256 | 12443330 | 12422967 | 0.28   | cps   |
| Indium     | 115-2 | 2638722  | 2669176  | 2673506  | 2660468  | 0.71   | cps   |
| Iron       | 56-2  | 8030     | 8291     | 8164     | 8162     | 1.60   | cps   |
| Iron       | 57-2  | 394      | 378      | 350      | 374      | 6.00   | cps   |
| Lead       | 206-1 | 7480461  | 7451880  | 7534415  | 7488919  | 0.56   | cps   |
| Lead       | 207-1 | 6721664  | 6745138  | 6805285  | 6757362  | 0.64   | cps   |
| Lead       | 208-1 | 30298183 | 30404855 | 30448127 | 30383722 | 0.25   | cps   |
| Lithium    | 6-1   | 1740222  | 1747714  | 1752546  | 1746827  | 0.36   | cps   |
| Magnesium  | 24-2  | 408      | 450      | 600      | 486      | 20.74  | cps   |
| Manganese  | 55-2  | 153      | 83       | 97       | 111      | 33.45  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV69               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV69               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:34:43 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 333      | 475      | 408      | 406      | 17.47  | cps   |
| Molybdenum | 95-1  | 150      | 133      | 83       | 122      | 28.39  | cps   |
| Molybdenum | 96-1  | 250      | 133      | 308      | 231      | 38.65  | cps   |
| Molybdenum | 97-1  | 267      | 183      | 133      | 194      | 34.64  | cps   |
| Molybdenum | 98-1  | 283      | 350      | 233      | 289      | 20.26  | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 120      | 107      | 80       | 102      | 19.92  | cps   |
| Phosphorus | 31-2  | 300      | 333      | 267      | 300      | 11.11  | cps   |
| Potassium  | 39-2  | 41743    | 41793    | 43423    | 42320    | 2.26   | cps   |
| Rhodium    | 103-1 | 11882517 | 11842574 | 11893462 | 11872851 | 0.23   | cps   |
| Rhodium    | 103-2 | 5857805  | 5864007  | 5852808  | 5858207  | 0.10   | cps   |
| Scandium   | 45-1  | 8010147  | 7984523  | 7941774  | 7978815  | 0.43   | cps   |
| Scandium   | 45-2  | 414647   | 413144   | 414224   | 414005   | 0.19   | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 119      | 76       | 157      | 117      | 34.75  | cps   |
| Selenium   | 82-1  | 149      | 189      | -102     | 79       | 200.68 | cps   |
| Silicon    | 28-1  | 581009   | 578219   | 587286   | 582171   | 0.80   | cps   |
| Silver     | 109-1 | 150      | 108      | 175      | 144      | 23.32  | cps   |
| Silver     | 107-1 | 192      | 217      | 100      | 169      | 36.25  | cps   |
| Sodium     | 23-2  | 42545    | 42336    | 41600    | 42160    | 1.18   | cps   |
| Strontium  | 86-1  | 1575     | 1767     | 1767     | 1703     | 6.50   | cps   |
| Strontium  | 88-1  | 925      | 950      | 950      | 942      | 1.53   | cps   |
| Sulfur     | 34-1  | 424477   | 430005   | 429095   | 427859   | 0.69   | cps   |
| Terbium    | 159-1 | 16772119 | 16645688 | 16651962 | 16689923 | 0.43   | cps   |
| Terbium    | 159-2 | 8630133  | 8612606  | 8567884  | 8603541  | 0.37   | cps   |
| Thallium   | 203-1 | 392      | 350      | 442      | 394      | 11.64  | cps   |
| Thallium   | 205-1 | 800      | 992      | 817      | 870      | 12.21  | cps   |
| Tin        | 118-1 | 1242     | 1092     | 1225     | 1186     | 6.93   | cps   |
| Titanium   | 47-1  | 308      | 292      | 308      | 303      | 3.18   | cps   |
| Uranium    | 238-1 | 483      | 292      | 367      | 381      | 25.38  | cps   |
| Vanadium   | 51-2  | 63       | 80       | 33       | 59       | 40.16  | cps   |
| Yttrium    | 89-1  | 12772195 | 12719129 | 12761996 | 12751107 | 0.22   | cps   |
| Yttrium    | 89-2  | 2065917  | 2074434  | 2081214  | 2073855  | 0.37   | cps   |
| Zinc       | 66-2  | 457      | 407      | 490      | 451      | 9.30   | cps   |
| Zirconium  | 90-1  | 883      | 959      | 825      | 889      | 7.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV69               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV69               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:34:43 | DataFile Name :   | 064SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 150  | 183  | 161     | 11.94  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : CCB69 Instrumnet Name : P7  
 Client Sample ID : CCB69 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:38:08 DataFile Name : 065SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 325      | 392      | 333      | 350      | 10.38  | cps   |
| Antimony   | 121-1 | 108      | 75       | 133      | 106      | 27.73  | cps   |
| Arsenic    | 75-2  | 6        | 7        | 7        | 7        | 15.72  | cps   |
| Barium     | 135-1 | 150      | 83       | 142      | 125      | 29.06  | cps   |
| Barium     | 137-1 | 217      | 258      | 175      | 217      | 19.23  | cps   |
| Beryllium  | 9-1   | 28       | 17       | 17       | 20       | 31.48  | cps   |
| Bismuth    | 209-1 | 10710012 | 10590648 | 10707273 | 10669311 | 0.64   | cps   |
| Bismuth    | 209-2 | 6598750  | 6530750  | 6584875  | 6571459  | 0.55   | cps   |
| Boron      | 10-1  | 275      | 292      | 317      | 294      | 7.12   | cps   |
| Boron      | 11-1  | 1233     | 1717     | 1642     | 1531     | 17.00  | cps   |
| Cadmium    | 111-1 | 2255     | 2121     | 2110     | 2162     | 3.74   | cps   |
| Cadmium    | 106-1 | 3192     | 3042     | 3034     | 3089     | 2.89   | cps   |
| Cadmium    | 108-1 | 0        | 13       | 25       | 13       | 100.00 | cps   |
| Calcium    | 43-1  | 475      | 333      | 375      | 394      | 18.46  | cps   |
| Calcium    | 44-1  | 17845    | 16910    | 18020    | 17592    | 3.39   | cps   |
| Chromium   | 52-2  | 1763     | 1837     | 1810     | 1803     | 2.06   | cps   |
| Cobalt     | 59-2  | 120      | 73       | 53       | 82       | 41.61  | cps   |
| Copper     | 63-2  | 1407     | 1210     | 1180     | 1266     | 9.73   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 0        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Erbium     | 164-1 | 75       | 67       | 75       | 72       | 6.66   | cps   |
| Erbium     | 164-2 | 27       | 10       | 20       | 19       | 44.42  | cps   |
| Gadolinium | 160-1 | 158      | 133      | 117      | 136      | 15.41  | cps   |
| Gadolinium | 160-2 | 140      | 97       | 130      | 122      | 18.56  | cps   |
| Holmium    | 165-1 | 16097076 | 16137239 | 16040615 | 16091643 | 0.30   | cps   |
| Holmium    | 165-2 | 8592700  | 8504644  | 8540843  | 8546062  | 0.52   | cps   |
| Indium     | 115-1 | 12476535 | 12285693 | 12495135 | 12419121 | 0.93   | cps   |
| Indium     | 115-2 | 2634919  | 2639666  | 2643218  | 2639268  | 0.16   | cps   |
| Iron       | 56-2  | 5623     | 5346     | 5740     | 5570     | 3.64   | cps   |
| Iron       | 57-2  | 283      | 406      | 333      | 341      | 18.04  | cps   |
| Lead       | 206-1 | 1239     | 1156     | 1278     | 1224     | 5.10   | cps   |
| Lead       | 207-1 | 1033     | 1150     | 1061     | 1082     | 5.63   | cps   |
| Lead       | 208-1 | 5073     | 5089     | 4967     | 5043     | 1.31   | cps   |
| Lithium    | 6-1   | 1732486  | 1739565  | 1743197  | 1738416  | 0.31   | cps   |
| Magnesium  | 24-2  | 425      | 392      | 475      | 431      | 9.74   | cps   |
| Manganese  | 55-2  | 57       | 67       | 47       | 57       | 17.65  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB69               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB69               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:38:08 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 233      | 275      | 267      | 258      | 8.53   | cps   |
| Molybdenum | 95-1  | 33       | 42       | 67       | 47       | 36.74  | cps   |
| Molybdenum | 96-1  | 67       | 142      | 108      | 106      | 35.60  | cps   |
| Molybdenum | 97-1  | 158      | 92       | 75       | 108      | 40.71  | cps   |
| Molybdenum | 98-1  | 50       | 92       | 50       | 64       | 37.66  | cps   |
| Neodymium  | 150-1 | 20       | 20       | 0        | 13       | 86.60  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 87       | 57       | 87       | 77       | 22.59  | cps   |
| Phosphorus | 31-2  | 333      | 317      | 283      | 311      | 8.18   | cps   |
| Potassium  | 39-2  | 41617    | 42119    | 41843    | 41860    | 0.60   | cps   |
| Rhodium    | 103-1 | 11788883 | 11724520 | 11691466 | 11734956 | 0.42   | cps   |
| Rhodium    | 103-2 | 5796720  | 5805302  | 5792474  | 5798165  | 0.11   | cps   |
| Scandium   | 45-1  | 7919147  | 7892015  | 7865134  | 7892099  | 0.34   | cps   |
| Scandium   | 45-2  | 411572   | 412181   | 414409   | 412721   | 0.36   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 107      | 117      | 104      | 109      | 6.11   | cps   |
| Selenium   | 82-1  | -4       | 67       | -15      | 16       | 274.52 | cps   |
| Silicon    | 28-1  | 557779   | 558160   | 556411   | 557450   | 0.17   | cps   |
| Silver     | 109-1 | 100      | 42       | 42       | 61       | 55.11  | cps   |
| Silver     | 107-1 | 117      | 125      | 125      | 122      | 3.94   | cps   |
| Sodium     | 23-2  | 40990    | 40447    | 40890    | 40776    | 0.71   | cps   |
| Strontium  | 86-1  | 1859     | 1467     | 1692     | 1672     | 11.75  | cps   |
| Strontium  | 88-1  | 1625     | 1684     | 1450     | 1586     | 7.66   | cps   |
| Sulfur     | 34-1  | 431548   | 426363   | 423834   | 427249   | 0.92   | cps   |
| Terbium    | 159-1 | 16470969 | 16472438 | 16586608 | 16510005 | 0.40   | cps   |
| Terbium    | 159-2 | 8545889  | 8530707  | 8551395  | 8542664  | 0.13   | cps   |
| Thallium   | 203-1 | 300      | 342      | 308      | 317      | 6.96   | cps   |
| Thallium   | 205-1 | 692      | 658      | 567      | 639      | 10.13  | cps   |
| Tin        | 118-1 | 1392     | 1592     | 1483     | 1489     | 6.72   | cps   |
| Titanium   | 47-1  | 175      | 233      | 125      | 178      | 30.50  | cps   |
| Uranium    | 238-1 | 75       | 42       | 83       | 67       | 33.07  | cps   |
| Vanadium   | 51-2  | 20       | 10       | 30       | 20       | 50.00  | cps   |
| Yttrium    | 89-1  | 12719325 | 12664651 | 12569796 | 12651257 | 0.60   | cps   |
| Yttrium    | 89-2  | 2048813  | 2058774  | 2061974  | 2056520  | 0.33   | cps   |
| Zinc       | 66-2  | 117      | 130      | 130      | 126      | 6.13   | cps   |
| Zirconium  | 90-1  | 608      | 592      | 658      | 619      | 5.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB69               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB69               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:38:08 | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 133  | 133  | 142     | 10.19  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101367BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101367BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:41:34 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 292      | 300      | 383      | 325      | 15.59  | cps   |
| Antimony   | 121-1 | 117      | 67       | 133      | 106      | 32.87  | cps   |
| Arsenic    | 75-2  | 2        | 2        | 9        | 4        | 99.03  | cps   |
| Barium     | 135-1 | 50       | 75       | 33       | 53       | 39.73  | cps   |
| Barium     | 137-1 | 100      | 67       | 67       | 78       | 24.75  | cps   |
| Beryllium  | 9-1   | 28       | 11       | 17       | 19       | 45.83  | cps   |
| Bismuth    | 209-1 | 10618729 | 10731389 | 10622033 | 10657384 | 0.60   | cps   |
| Bismuth    | 209-2 | 6598531  | 6556282  | 6588544  | 6581119  | 0.34   | cps   |
| Boron      | 10-1  | 308      | 233      | 367      | 303      | 22.08  | cps   |
| Boron      | 11-1  | 1258     | 1292     | 1533     | 1361     | 11.03  | cps   |
| Cadmium    | 111-1 | 2242     | 2229     | 2074     | 2181     | 4.27   | cps   |
| Cadmium    | 106-1 | 3201     | 3192     | 2967     | 3120     | 4.24   | cps   |
| Cadmium    | 108-1 | 4        | 8        | 4        | 6        | 43.22  | cps   |
| Calcium    | 43-1  | 400      | 458      | 442      | 433      | 6.93   | cps   |
| Calcium    | 44-1  | 17720    | 17586    | 18020    | 17775    | 1.25   | cps   |
| Chromium   | 52-2  | 1847     | 1707     | 1857     | 1803     | 4.65   | cps   |
| Cobalt     | 59-2  | 87       | 100      | 103      | 97       | 9.12   | cps   |
| Copper     | 63-2  | 1333     | 1197     | 1417     | 1316     | 8.44   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 25       | 19       | 49.50  | cps   |
| Dysprosium | 156-2 | 3        | 13       | 0        | 6        | 124.93 | cps   |
| Erbium     | 164-1 | 42       | 83       | 33       | 53       | 50.76  | cps   |
| Erbium     | 164-2 | 27       | 33       | 13       | 24       | 41.66  | cps   |
| Gadolinium | 160-1 | 100      | 42       | 75       | 72       | 40.52  | cps   |
| Gadolinium | 160-2 | 120      | 120      | 130      | 123      | 4.68   | cps   |
| Holmium    | 165-1 | 16246276 | 15977262 | 16111792 | 16111777 | 0.83   | cps   |
| Holmium    | 165-2 | 8521393  | 8481722  | 8507730  | 8503615  | 0.24   | cps   |
| Indium     | 115-1 | 12356025 | 12432089 | 12335633 | 12374582 | 0.41   | cps   |
| Indium     | 115-2 | 2632140  | 2630610  | 2634050  | 2632267  | 0.07   | cps   |
| Iron       | 56-2  | 5801     | 5879     | 5712     | 5798     | 1.44   | cps   |
| Iron       | 57-2  | 261      | 289      | 356      | 302      | 16.08  | cps   |
| Lead       | 206-1 | 1083     | 1211     | 1261     | 1185     | 7.74   | cps   |
| Lead       | 207-1 | 995      | 906      | 850      | 917      | 7.95   | cps   |
| Lead       | 208-1 | 4262     | 4406     | 4556     | 4408     | 3.34   | cps   |
| Lithium    | 6-1   | 1746184  | 1746227  | 1728609  | 1740340  | 0.58   | cps   |
| Magnesium  | 24-2  | 500      | 400      | 542      | 481      | 15.15  | cps   |
| Manganese  | 55-2  | 60       | 67       | 50       | 59       | 14.25  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101367BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101367BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:41:34 | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 258      | 200      | 267      | 242      | 15.03  | cps   |
| Molybdenum | 95-1  | 50       | 58       | 133      | 81       | 56.97  | cps   |
| Molybdenum | 96-1  | 117      | 100      | 158      | 125      | 24.03  | cps   |
| Molybdenum | 97-1  | 83       | 125      | 92       | 100      | 22.05  | cps   |
| Molybdenum | 98-1  | 50       | 58       | 108      | 72       | 43.68  | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 77       | 83       | 60       | 73       | 16.39  | cps   |
| Phosphorus | 31-2  | 258      | 208      | 308      | 258      | 19.35  | cps   |
| Potassium  | 39-2  | 40774    | 42044    | 40590    | 41136    | 1.92   | cps   |
| Rhodium    | 103-1 | 11833647 | 11746513 | 11761637 | 11780599 | 0.40   | cps   |
| Rhodium    | 103-2 | 5791122  | 5802096  | 5778748  | 5790655  | 0.20   | cps   |
| Scandium   | 45-1  | 7881825  | 7815833  | 7812553  | 7836737  | 0.50   | cps   |
| Scandium   | 45-2  | 410418   | 409929   | 411461   | 410603   | 0.19   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 113      | 104      | 124      | 114      | 8.98   | cps   |
| Selenium   | 82-1  | -9       | 147      | 44       | 61       | 129.99 | cps   |
| Silicon    | 28-1  | 561586   | 557175   | 558655   | 559139   | 0.40   | cps   |
| Silver     | 109-1 | 42       | 100      | 8        | 50       | 92.80  | cps   |
| Silver     | 107-1 | 175      | 100      | 108      | 128      | 32.17  | cps   |
| Sodium     | 23-2  | 40431    | 39804    | 40004    | 40080    | 0.80   | cps   |
| Strontium  | 86-1  | 1667     | 1750     | 1650     | 1689     | 3.17   | cps   |
| Strontium  | 88-1  | 1717     | 1667     | 1375     | 1586     | 11.63  | cps   |
| Sulfur     | 34-1  | 430618   | 428464   | 429859   | 429647   | 0.25   | cps   |
| Terbium    | 159-1 | 16595810 | 16683589 | 16617672 | 16632357 | 0.27   | cps   |
| Terbium    | 159-2 | 8561732  | 8616041  | 8594501  | 8590758  | 0.32   | cps   |
| Thallium   | 203-1 | 208      | 242      | 217      | 222      | 7.81   | cps   |
| Thallium   | 205-1 | 508      | 517      | 508      | 511      | 0.94   | cps   |
| Tin        | 118-1 | 1525     | 1417     | 1467     | 1470     | 3.69   | cps   |
| Titanium   | 47-1  | 192      | 175      | 225      | 197      | 12.91  | cps   |
| Uranium    | 238-1 | 75       | 108      | 67       | 83       | 26.46  | cps   |
| Vanadium   | 51-2  | 20       | 7        | 17       | 14       | 48.02  | cps   |
| Yttrium    | 89-1  | 12700189 | 12795250 | 12755000 | 12750146 | 0.37   | cps   |
| Yttrium    | 89-2  | 2065199  | 2056666  | 2046943  | 2056269  | 0.44   | cps   |
| Zinc       | 66-2  | 167      | 140      | 157      | 154      | 8.72   | cps   |
| Zirconium  | 90-1  | 675      | 708      | 642      | 675      | 4.94   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101367BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101367BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:41:34 | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 100  | 158  | 122     | 25.81  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101367BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101367BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:45:00 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 908      | 900      | 925      | 911      | 1.40   | cps   |
| Antimony   | 121-1 | 125      | 192      | 150      | 156      | 21.65  | cps   |
| Arsenic    | 75-2  | 11       | 17       | 15       | 14       | 19.94  | cps   |
| Barium     | 135-1 | 117      | 75       | 58       | 83       | 36.05  | cps   |
| Barium     | 137-1 | 150      | 175      | 158      | 161      | 7.90   | cps   |
| Beryllium  | 9-1   | 28       | 11       | 17       | 19       | 45.83  | cps   |
| Bismuth    | 209-1 | 10812311 | 10722969 | 10818479 | 10784586 | 0.50   | cps   |
| Bismuth    | 209-2 | 6548551  | 6778353  | 6591743  | 6639549  | 1.84   | cps   |
| Boron      | 10-1  | 292      | 325      | 225      | 281      | 18.15  | cps   |
| Boron      | 11-1  | 1425     | 1417     | 1333     | 1392     | 3.64   | cps   |
| Cadmium    | 111-1 | 2156     | 2319     | 2291     | 2255     | 3.86   | cps   |
| Cadmium    | 106-1 | 3059     | 3309     | 3284     | 3217     | 4.28   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 17       | 11       | 43.34  | cps   |
| Calcium    | 43-1  | 1400     | 1308     | 1233     | 1314     | 6.35   | cps   |
| Calcium    | 44-1  | 30316    | 31518    | 31835    | 31223    | 2.57   | cps   |
| Chromium   | 52-2  | 1797     | 1974     | 1933     | 1901     | 4.87   | cps   |
| Cobalt     | 59-2  | 103      | 130      | 160      | 131      | 21.62  | cps   |
| Copper     | 63-2  | 1303     | 1320     | 1320     | 1315     | 0.73   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 17       | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 7        | 10       | 13       | 10       | 33.30  | cps   |
| Erbium     | 164-1 | 42       | 50       | 67       | 53       | 24.12  | cps   |
| Erbium     | 164-2 | 20       | 30       | 30       | 27       | 21.65  | cps   |
| Gadolinium | 160-1 | 100      | 125      | 92       | 106      | 16.44  | cps   |
| Gadolinium | 160-2 | 150      | 137      | 123      | 137      | 9.75   | cps   |
| Holmium    | 165-1 | 16201613 | 16111220 | 16149821 | 16154218 | 0.28   | cps   |
| Holmium    | 165-2 | 8541990  | 8590831  | 8549684  | 8560835  | 0.31   | cps   |
| Indium     | 115-1 | 12576445 | 12440649 | 12375254 | 12464116 | 0.82   | cps   |
| Indium     | 115-2 | 2668186  | 2672512  | 2653910  | 2664870  | 0.37   | cps   |
| Iron       | 56-2  | 8897     | 8858     | 8959     | 8905     | 0.57   | cps   |
| Iron       | 57-2  | 367      | 406      | 378      | 383      | 5.23   | cps   |
| Lead       | 206-1 | 7430817  | 7536361  | 7486435  | 7484537  | 0.71   | cps   |
| Lead       | 207-1 | 6747924  | 6546750  | 6582164  | 6625613  | 1.62   | cps   |
| Lead       | 208-1 | 30173528 | 30079843 | 29998273 | 30083881 | 0.29   | cps   |
| Lithium    | 6-1   | 1748242  | 1724139  | 1730185  | 1734189  | 0.72   | cps   |
| Magnesium  | 24-2  | 667      | 767      | 633      | 689      | 10.07  | cps   |
| Manganese  | 55-2  | 213      | 270      | 273      | 252      | 13.37  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101367BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101367BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:45:00 | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 408      | 292      | 317      | 339      | 18.13  | cps   |
| Molybdenum | 95-1  | 183      | 167      | 142      | 164      | 12.80  | cps   |
| Molybdenum | 96-1  | 267      | 242      | 183      | 231      | 18.55  | cps   |
| Molybdenum | 97-1  | 183      | 133      | 158      | 158      | 15.79  | cps   |
| Molybdenum | 98-1  | 267      | 267      | 283      | 272      | 3.54   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 10       | 6        | 69.34  | cps   |
| Nickel     | 60-2  | 70       | 130      | 147      | 116      | 34.90  | cps   |
| Phosphorus | 31-2  | 275      | 283      | 400      | 319      | 21.88  | cps   |
| Potassium  | 39-2  | 41659    | 43130    | 42713    | 42501    | 1.78   | cps   |
| Rhodium    | 103-1 | 11974409 | 11849916 | 11845767 | 11890031 | 0.61   | cps   |
| Rhodium    | 103-2 | 5820437  | 5842476  | 5865814  | 5842909  | 0.39   | cps   |
| Scandium   | 45-1  | 7922993  | 7906343  | 7843730  | 7891022  | 0.53   | cps   |
| Scandium   | 45-2  | 412665   | 418133   | 412730   | 414509   | 0.76   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 94       | 115      | 94       | 101      | 11.62  | cps   |
| Selenium   | 82-1  | 155      | 131      | 267      | 184      | 39.38  | cps   |
| Silicon    | 28-1  | 562268   | 561787   | 560383   | 561479   | 0.17   | cps   |
| Silver     | 109-1 | 192      | 125      | 175      | 164      | 21.17  | cps   |
| Silver     | 107-1 | 142      | 175      | 158      | 158      | 10.53  | cps   |
| Sodium     | 23-2  | 40163    | 39787    | 40739    | 40230    | 1.19   | cps   |
| Strontium  | 86-1  | 1784     | 1667     | 1634     | 1695     | 4.65   | cps   |
| Strontium  | 88-1  | 1183     | 1267     | 1150     | 1200     | 5.01   | cps   |
| Sulfur     | 34-1  | 432773   | 433850   | 435894   | 434172   | 0.37   | cps   |
| Terbium    | 159-1 | 16597346 | 16558692 | 16727887 | 16627975 | 0.53   | cps   |
| Terbium    | 159-2 | 8662909  | 8615822  | 8602722  | 8627151  | 0.37   | cps   |
| Thallium   | 203-1 | 317      | 200      | 275      | 264      | 22.40  | cps   |
| Thallium   | 205-1 | 633      | 550      | 533      | 572      | 9.36   | cps   |
| Tin        | 118-1 | 1233     | 1408     | 1100     | 1247     | 12.40  | cps   |
| Titanium   | 47-1  | 258      | 258      | 225      | 247      | 7.79   | cps   |
| Uranium    | 238-1 | 300      | 367      | 383      | 350      | 12.60  | cps   |
| Vanadium   | 51-2  | 23       | 27       | 13       | 21       | 32.88  | cps   |
| Yttrium    | 89-1  | 12769922 | 12623107 | 12768237 | 12720422 | 0.66   | cps   |
| Yttrium    | 89-2  | 2058175  | 2072467  | 2087238  | 2072627  | 0.70   | cps   |
| Zinc       | 66-2  | 1073     | 1140     | 1190     | 1135     | 5.16   | cps   |
| Zirconium  | 90-1  | 833      | 833      | 858      | 842      | 1.71   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101367BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101367BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:45:00 | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 183  | 167  | 150     | 29.39  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-01 Instrumnet Name : P7  
 Client Sample ID : DC24741-38-FL1-CL205I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:48:25 DataFile Name : 068SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1884     | 2100     | 2167     | 2050     | 7.23   | cps   |
| Antimony   | 121-1 | 983      | 875      | 742      | 867      | 13.97  | cps   |
| Arsenic    | 75-2  | 213      | 170      | 191      | 191      | 11.13  | cps   |
| Barium     | 135-1 | 70948    | 70680    | 68930    | 70186    | 1.56   | cps   |
| Barium     | 137-1 | 121529   | 122714   | 119661   | 121301   | 1.27   | cps   |
| Beryllium  | 9-1   | 56       | 33       | 56       | 48       | 26.66  | cps   |
| Bismuth    | 209-1 | 11672427 | 11792636 | 11281085 | 11582049 | 2.31   | cps   |
| Bismuth    | 209-2 | 7430004  | 7281618  | 7285645  | 7332422  | 1.15   | cps   |
| Boron      | 10-1  | 1317     | 1600     | 1442     | 1453     | 9.77   | cps   |
| Boron      | 11-1  | 8077     | 8236     | 7969     | 8094     | 1.66   | cps   |
| Cadmium    | 111-1 | 2592     | 2456     | 2470     | 2506     | 2.98   | cps   |
| Cadmium    | 106-1 | 3667     | 3476     | 3484     | 3542     | 3.06   | cps   |
| Cadmium    | 108-1 | 13       | 21       | 21       | 18       | 26.64  | cps   |
| Calcium    | 43-1  | 273719   | 270992   | 271362   | 272024   | 0.54   | cps   |
| Calcium    | 44-1  | 4555166  | 4531296  | 4494802  | 4527088  | 0.67   | cps   |
| Chromium   | 52-2  | 2130     | 2087     | 2084     | 2100     | 1.24   | cps   |
| Cobalt     | 59-2  | 240      | 250      | 293      | 261      | 10.86  | cps   |
| Copper     | 63-2  | 208777   | 208304   | 211325   | 209469   | 0.78   | cps   |
| Dysprosium | 156-1 | 83       | 117      | 183      | 128      | 39.85  | cps   |
| Dysprosium | 156-2 | 50       | 60       | 87       | 66       | 28.92  | cps   |
| Erbium     | 164-1 | 175      | 167      | 142      | 161      | 10.77  | cps   |
| Erbium     | 164-2 | 77       | 90       | 83       | 83       | 8.00   | cps   |
| Gadolinium | 160-1 | 225      | 217      | 192      | 211      | 8.22   | cps   |
| Gadolinium | 160-2 | 210      | 200      | 163      | 191      | 12.86  | cps   |
| Holmium    | 165-1 | 17556471 | 17813126 | 17121790 | 17497129 | 2.00   | cps   |
| Holmium    | 165-2 | 9340035  | 9133837  | 9170512  | 9214794  | 1.19   | cps   |
| Indium     | 115-1 | 13685834 | 13588864 | 13100271 | 13458323 | 2.33   | cps   |
| Indium     | 115-2 | 2870739  | 2817278  | 2800249  | 2829422  | 1.30   | cps   |
| Iron       | 56-2  | 119551   | 117591   | 114009   | 117050   | 2.40   | cps   |
| Iron       | 57-2  | 3350     | 3862     | 3784     | 3666     | 7.52   | cps   |
| Lead       | 206-1 | 11060    | 10921    | 10833    | 10938    | 1.05   | cps   |
| Lead       | 207-1 | 9315     | 9187     | 9420     | 9307     | 1.26   | cps   |
| Lead       | 208-1 | 42694    | 42077    | 42544    | 42439    | 0.76   | cps   |
| Lithium    | 6-1   | 1922595  | 1936657  | 1889622  | 1916291  | 1.26   | cps   |
| Magnesium  | 24-2  | 541421   | 535403   | 541915   | 539580   | 0.67   | cps   |
| Manganese  | 55-2  | 48389    | 48497    | 48075    | 48320    | 0.45   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-38-FL1-CL205I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:48:25   | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 983      | 958      | 992      | 978      | 1.77   | cps   |
| Molybdenum | 95-1  | 300      | 367      | 350      | 339      | 10.24  | cps   |
| Molybdenum | 96-1  | 325      | 567      | 583      | 492      | 29.41  | cps   |
| Molybdenum | 97-1  | 242      | 283      | 275      | 267      | 8.27   | cps   |
| Molybdenum | 98-1  | 417      | 508      | 567      | 497      | 15.21  | cps   |
| Neodymium  | 150-1 | 67       | 93       | 53       | 71       | 28.64  | cps   |
| Neodymium  | 150-2 | 30       | 47       | 33       | 37       | 24.06  | cps   |
| Nickel     | 60-2  | 17758    | 17557    | 17554    | 17623    | 0.66   | cps   |
| Phosphorus | 31-2  | 7285     | 7102     | 7661     | 7349     | 3.87   | cps   |
| Potassium  | 39-2  | 262334   | 262035   | 266994   | 263788   | 1.05   | cps   |
| Rhodium    | 103-1 | 12823720 | 12838950 | 12375091 | 12679253 | 2.08   | cps   |
| Rhodium    | 103-2 | 6343037  | 6235757  | 6209639  | 6262811  | 1.13   | cps   |
| Scandium   | 45-1  | 8553644  | 8741007  | 8356775  | 8550475  | 2.25   | cps   |
| Scandium   | 45-2  | 444785   | 444256   | 441390   | 443477   | 0.41   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 128      | 65       | 117      | 103      | 32.60  | cps   |
| Selenium   | 82-1  | 16       | 181      | -19      | 59       | 180.74 | cps   |
| Silicon    | 28-1  | 9633175  | 9334279  | 9412916  | 9460123  | 1.64   | cps   |
| Silver     | 109-1 | 117      | 117      | 150      | 128      | 15.06  | cps   |
| Silver     | 107-1 | 158      | 117      | 117      | 131      | 18.43  | cps   |
| Sodium     | 23-2  | 8701664  | 8737718  | 8792428  | 8743937  | 0.52   | cps   |
| Strontium  | 86-1  | 98302    | 96549    | 96851    | 97234    | 0.96   | cps   |
| Strontium  | 88-1  | 853734   | 852918   | 847841   | 851498   | 0.37   | cps   |
| Sulfur     | 34-1  | 542224   | 539471   | 541217   | 540971   | 0.26   | cps   |
| Terbium    | 159-1 | 18137963 | 17958218 | 17659353 | 17918511 | 1.35   | cps   |
| Terbium    | 159-2 | 9309292  | 9171963  | 9213027  | 9231427  | 0.76   | cps   |
| Thallium   | 203-1 | 358      | 317      | 308      | 328      | 8.17   | cps   |
| Thallium   | 205-1 | 608      | 708      | 750      | 689      | 10.57  | cps   |
| Tin        | 118-1 | 1242     | 1283     | 1233     | 1253     | 2.14   | cps   |
| Titanium   | 47-1  | 1133     | 1083     | 1025     | 1081     | 5.02   | cps   |
| Uranium    | 238-1 | 767      | 792      | 750      | 770      | 2.73   | cps   |
| Vanadium   | 51-2  | 260      | 273      | 270      | 268      | 2.59   | cps   |
| Yttrium    | 89-1  | 14023738 | 13930235 | 13496256 | 13816743 | 2.04   | cps   |
| Yttrium    | 89-2  | 2228784  | 2197482  | 2200479  | 2208915  | 0.78   | cps   |
| Zinc       | 66-2  | 98429    | 99409    | 98926    | 98921    | 0.50   | cps   |
| Zirconium  | 90-1  | 2342     | 2042     | 2017     | 2134     | 8.48   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-38-FL1-CL205I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:48:25   | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 633  | 508  | 517  | 553     | 12.64  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-39-FL1-CL205I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:51:49   | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1592     | 1408     | 1742     | 1581     | 10.56  | cps   |
| Antimony   | 121-1 | 758      | 725      | 717      | 733      | 3.01   | cps   |
| Arsenic    | 75-2  | 159      | 191      | 194      | 181      | 10.65  | cps   |
| Barium     | 135-1 | 68025    | 67640    | 68486    | 68050    | 0.62   | cps   |
| Barium     | 137-1 | 117493   | 120519   | 116368   | 118127   | 1.82   | cps   |
| Beryllium  | 9-1   | 33       | 44       | 50       | 43       | 19.93  | cps   |
| Bismuth    | 209-1 | 11641892 | 11155897 | 10824374 | 11207388 | 3.67   | cps   |
| Bismuth    | 209-2 | 7067275  | 7070193  | 6986875  | 7041447  | 0.67   | cps   |
| Boron      | 10-1  | 1450     | 1709     | 1542     | 1567     | 8.36   | cps   |
| Boron      | 11-1  | 8077     | 7969     | 8319     | 8122     | 2.21   | cps   |
| Cadmium    | 111-1 | 2543     | 2407     | 2217     | 2389     | 6.84   | cps   |
| Cadmium    | 106-1 | 3576     | 3417     | 3159     | 3384     | 6.22   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 21       | 12       | 57.75  | cps   |
| Calcium    | 43-1  | 266035   | 263754   | 266429   | 265406   | 0.54   | cps   |
| Calcium    | 44-1  | 4417559  | 4391131  | 4405785  | 4404825  | 0.30   | cps   |
| Chromium   | 52-2  | 1977     | 2204     | 1943     | 2041     | 6.93   | cps   |
| Cobalt     | 59-2  | 227      | 233      | 210      | 223      | 5.38   | cps   |
| Copper     | 63-2  | 156452   | 156058   | 157059   | 156523   | 0.32   | cps   |
| Dysprosium | 156-1 | 117      | 83       | 108      | 103      | 16.88  | cps   |
| Dysprosium | 156-2 | 70       | 43       | 47       | 53       | 27.24  | cps   |
| Erbium     | 164-1 | 150      | 125      | 108      | 128      | 16.41  | cps   |
| Erbium     | 164-2 | 97       | 50       | 60       | 69       | 35.67  | cps   |
| Gadolinium | 160-1 | 192      | 217      | 150      | 186      | 18.10  | cps   |
| Gadolinium | 160-2 | 173      | 183      | 180      | 179      | 2.85   | cps   |
| Holmium    | 165-1 | 17265434 | 17194874 | 16818821 | 17093043 | 1.40   | cps   |
| Holmium    | 165-2 | 8969394  | 8994672  | 8866906  | 8943657  | 0.76   | cps   |
| Indium     | 115-1 | 13315246 | 13224658 | 12788089 | 13109331 | 2.15   | cps   |
| Indium     | 115-2 | 2773189  | 2755146  | 2747619  | 2758652  | 0.48   | cps   |
| Iron       | 56-2  | 120267   | 118913   | 118630   | 119270   | 0.73   | cps   |
| Iron       | 57-2  | 3912     | 3873     | 3812     | 3865     | 1.30   | cps   |
| Lead       | 206-1 | 3112     | 3150     | 3200     | 3154     | 1.41   | cps   |
| Lead       | 207-1 | 2767     | 2806     | 2823     | 2799     | 1.02   | cps   |
| Lead       | 208-1 | 12686    | 12480    | 12781    | 12649    | 1.21   | cps   |
| Lithium    | 6-1   | 1890698  | 1885177  | 1828444  | 1868106  | 1.84   | cps   |
| Magnesium  | 24-2  | 527088   | 526175   | 522164   | 525143   | 0.50   | cps   |
| Manganese  | 55-2  | 49627    | 49948    | 49664    | 49746    | 0.35   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-02 Instrumnet Name : P7  
 Client Sample ID : DC24741-39-FL1-CL205I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:51:49 DataFile Name : 069SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 767      | 825      | 692      | 761      | 8.78   | cps   |
| Molybdenum | 95-1  | 292      | 225      | 258      | 258      | 12.90  | cps   |
| Molybdenum | 96-1  | 333      | 425      | 433      | 397      | 13.97  | cps   |
| Molybdenum | 97-1  | 317      | 267      | 283      | 289      | 8.81   | cps   |
| Molybdenum | 98-1  | 500      | 600      | 433      | 511      | 16.41  | cps   |
| Neodymium  | 150-1 | 127      | 120      | 80       | 109      | 23.18  | cps   |
| Neodymium  | 150-2 | 57       | 20       | 53       | 43       | 46.79  | cps   |
| Nickel     | 60-2  | 980      | 997      | 870      | 949      | 7.25   | cps   |
| Phosphorus | 31-2  | 7811     | 7627     | 7461     | 7633     | 2.29   | cps   |
| Potassium  | 39-2  | 263940   | 263415   | 263423   | 263593   | 0.11   | cps   |
| Rhodium    | 103-1 | 12532910 | 12337049 | 12189092 | 12353017 | 1.40   | cps   |
| Rhodium    | 103-2 | 6084743  | 6123952  | 6080039  | 6096245  | 0.40   | cps   |
| Scandium   | 45-1  | 8474890  | 8240225  | 8038776  | 8251297  | 2.65   | cps   |
| Scandium   | 45-2  | 427674   | 432468   | 427596   | 429246   | 0.65   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 106      | 111      | 119      | 112      | 5.82   | cps   |
| Selenium   | 82-1  | 173      | 107      | 13       | 98       | 82.12  | cps   |
| Silicon    | 28-1  | 9202526  | 9152820  | 9111824  | 9155723  | 0.50   | cps   |
| Silver     | 109-1 | 150      | 183      | 58       | 131      | 49.58  | cps   |
| Silver     | 107-1 | 158      | 158      | 117      | 144      | 16.66  | cps   |
| Sodium     | 23-2  | 8599812  | 8576135  | 8520710  | 8565553  | 0.47   | cps   |
| Strontium  | 86-1  | 95802    | 94872    | 97028    | 95901    | 1.13   | cps   |
| Strontium  | 88-1  | 832879   | 826494   | 821620   | 826998   | 0.68   | cps   |
| Sulfur     | 34-1  | 536661   | 535854   | 540803   | 537773   | 0.49   | cps   |
| Terbium    | 159-1 | 17938477 | 17728530 | 17133995 | 17600334 | 2.37   | cps   |
| Terbium    | 159-2 | 9015267  | 9034214  | 8928486  | 8992656  | 0.63   | cps   |
| Thallium   | 203-1 | 325      | 317      | 367      | 336      | 7.97   | cps   |
| Thallium   | 205-1 | 742      | 775      | 867      | 795      | 8.15   | cps   |
| Tin        | 118-1 | 1175     | 1050     | 1217     | 1147     | 7.56   | cps   |
| Titanium   | 47-1  | 1000     | 1183     | 1167     | 1117     | 9.08   | cps   |
| Uranium    | 238-1 | 950      | 758      | 917      | 875      | 11.70  | cps   |
| Vanadium   | 51-2  | 247      | 297      | 250      | 264      | 10.57  | cps   |
| Yttrium    | 89-1  | 13536321 | 13330139 | 13128063 | 13331508 | 1.53   | cps   |
| Yttrium    | 89-2  | 2158815  | 2169163  | 2142869  | 2156949  | 0.61   | cps   |
| Zinc       | 66-2  | 10334    | 10214    | 10090    | 10213    | 1.19   | cps   |
| Zirconium  | 90-1  | 1842     | 1508     | 1909     | 1753     | 12.23  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-39-FL1-CL205I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:51:49   | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 450  | 383  | 358  | 397     | 11.93  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-03 Instrumnet Name : P7  
 Client Sample ID : DC24741-40-FL1-CL205, Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:55:12 DataFile Name : 070SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2059     | 1784     | 2335     | 2059     | 13.39  | cps   |
| Antimony   | 121-1 | 850      | 1025     | 933      | 936      | 9.35   | cps   |
| Arsenic    | 75-2  | 191      | 194      | 180      | 188      | 4.10   | cps   |
| Barium     | 135-1 | 68687    | 67573    | 68469    | 68243    | 0.87   | cps   |
| Barium     | 137-1 | 119251   | 117452   | 117116   | 117939   | 0.97   | cps   |
| Beryllium  | 9-1   | 44       | 22       | 17       | 28       | 52.92  | cps   |
| Bismuth    | 209-1 | 11245918 | 11089898 | 11526589 | 11287468 | 1.96   | cps   |
| Bismuth    | 209-2 | 7145190  | 7111873  | 7142711  | 7133258  | 0.26   | cps   |
| Boron      | 10-1  | 1508     | 1575     | 1558     | 1547     | 2.24   | cps   |
| Boron      | 11-1  | 8594     | 8194     | 8219     | 8336     | 2.69   | cps   |
| Cadmium    | 111-1 | 2525     | 2404     | 2353     | 2427     | 3.65   | cps   |
| Cadmium    | 106-1 | 3576     | 3401     | 3359     | 3445     | 3.34   | cps   |
| Cadmium    | 108-1 | 33       | 50       | 75       | 53       | 39.74  | cps   |
| Calcium    | 43-1  | 268003   | 264557   | 261914   | 264825   | 1.15   | cps   |
| Calcium    | 44-1  | 4406336  | 4370243  | 4334470  | 4370350  | 0.82   | cps   |
| Chromium   | 52-2  | 1570     | 1657     | 1573     | 1600     | 3.07   | cps   |
| Cobalt     | 59-2  | 303      | 263      | 343      | 303      | 13.19  | cps   |
| Copper     | 63-2  | 471784   | 464692   | 466619   | 467698   | 0.78   | cps   |
| Dysprosium | 156-1 | 67       | 42       | 125      | 78       | 54.98  | cps   |
| Dysprosium | 156-2 | 33       | 53       | 33       | 40       | 28.87  | cps   |
| Erbium     | 164-1 | 158      | 100      | 125      | 128      | 22.90  | cps   |
| Erbium     | 164-2 | 90       | 63       | 77       | 77       | 17.39  | cps   |
| Gadolinium | 160-1 | 217      | 217      | 200      | 211      | 4.56   | cps   |
| Gadolinium | 160-2 | 213      | 193      | 147      | 184      | 18.55  | cps   |
| Holmium    | 165-1 | 17026929 | 17034259 | 17351012 | 17137400 | 1.08   | cps   |
| Holmium    | 165-2 | 8952078  | 9014689  | 9068990  | 9011919  | 0.65   | cps   |
| Indium     | 115-1 | 13135760 | 12985405 | 13245638 | 13122268 | 1.00   | cps   |
| Indium     | 115-2 | 2757760  | 2766155  | 2771316  | 2765077  | 0.25   | cps   |
| Iron       | 56-2  | 105911   | 104198   | 105856   | 105322   | 0.92   | cps   |
| Iron       | 57-2  | 3256     | 3512     | 3501     | 3423     | 4.22   | cps   |
| Lead       | 206-1 | 14308    | 13980    | 14102    | 14130    | 1.17   | cps   |
| Lead       | 207-1 | 11772    | 12100    | 11861    | 11911    | 1.42   | cps   |
| Lead       | 208-1 | 55585    | 55224    | 55101    | 55304    | 0.46   | cps   |
| Lithium    | 6-1   | 1879248  | 1858586  | 1895180  | 1877671  | 0.98   | cps   |
| Magnesium  | 24-2  | 522679   | 520123   | 517314   | 520039   | 0.52   | cps   |
| Manganese  | 55-2  | 44869    | 45260    | 44982    | 45037    | 0.45   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-03 Instrumnet Name : P7  
 Client Sample ID : DC24741-40-FL1-CL205, Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:55:12 DataFile Name : 070SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 775      | 875      | 850      | 833      | 6.24   | cps   |
| Molybdenum | 95-1  | 283      | 233      | 325      | 281      | 16.36  | cps   |
| Molybdenum | 96-1  | 467      | 533      | 450      | 483      | 9.12   | cps   |
| Molybdenum | 97-1  | 175      | 258      | 292      | 242      | 24.87  | cps   |
| Molybdenum | 98-1  | 450      | 567      | 342      | 453      | 24.85  | cps   |
| Neodymium  | 150-1 | 87       | 100      | 60       | 82       | 24.77  | cps   |
| Neodymium  | 150-2 | 13       | 20       | 47       | 27       | 66.16  | cps   |
| Nickel     | 60-2  | 6542     | 6412     | 6468     | 6474     | 1.01   | cps   |
| Phosphorus | 31-2  | 5960     | 5968     | 6043     | 5990     | 0.77   | cps   |
| Potassium  | 39-2  | 266859   | 264631   | 265407   | 265632   | 0.43   | cps   |
| Rhodium    | 103-1 | 12439748 | 12369745 | 12531608 | 12447034 | 0.65   | cps   |
| Rhodium    | 103-2 | 6031912  | 6103924  | 6144708  | 6093515  | 0.94   | cps   |
| Scandium   | 45-1  | 8222792  | 8196302  | 8510305  | 8309800  | 2.10   | cps   |
| Scandium   | 45-2  | 431491   | 430301   | 432857   | 431550   | 0.30   | cps   |
| Selenium   | 77-2  | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Selenium   | 78-2  | 148      | 85       | 87       | 107      | 33.55  | cps   |
| Selenium   | 82-1  | 176      | 70       | 112      | 120      | 44.65  | cps   |
| Silicon    | 28-1  | 9090928  | 9062726  | 8968786  | 9040813  | 0.71   | cps   |
| Silver     | 109-1 | 167      | 117      | 150      | 144      | 17.63  | cps   |
| Silver     | 107-1 | 292      | 217      | 183      | 231      | 24.07  | cps   |
| Sodium     | 23-2  | 8600394  | 8512295  | 8546523  | 8553071  | 0.52   | cps   |
| Strontium  | 86-1  | 95593    | 95392    | 93697    | 94894    | 1.10   | cps   |
| Strontium  | 88-1  | 842751   | 835545   | 822159   | 833485   | 1.25   | cps   |
| Sulfur     | 34-1  | 532605   | 524202   | 524322   | 527043   | 0.91   | cps   |
| Terbium    | 159-1 | 17682619 | 17534369 | 17809029 | 17675339 | 0.78   | cps   |
| Terbium    | 159-2 | 9026582  | 8997498  | 9044201  | 9022760  | 0.26   | cps   |
| Thallium   | 203-1 | 317      | 308      | 408      | 344      | 16.11  | cps   |
| Thallium   | 205-1 | 758      | 917      | 733      | 803      | 12.38  | cps   |
| Tin        | 118-1 | 667      | 708      | 833      | 736      | 11.78  | cps   |
| Titanium   | 47-1  | 1092     | 1008     | 1017     | 1039     | 4.42   | cps   |
| Uranium    | 238-1 | 1042     | 858      | 1133     | 1011     | 13.85  | cps   |
| Vanadium   | 51-2  | 243      | 257      | 290      | 263      | 9.13   | cps   |
| Yttrium    | 89-1  | 13497432 | 13467950 | 13619115 | 13528166 | 0.59   | cps   |
| Yttrium    | 89-2  | 2151561  | 2154145  | 2165344  | 2157016  | 0.34   | cps   |
| Zinc       | 66-2  | 636190   | 638151   | 634537   | 636293   | 0.28   | cps   |
| Zirconium  | 90-1  | 1709     | 1525     | 1609     | 1614     | 5.69   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-40-FL1-CL205 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:55:12  | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 325  | 375  | 267  | 322     | 16.83  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-04 Instrumnet Name : P7  
 Client Sample ID : DC24741-41-FL1-CL205, Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 19:58:36 DataFile Name : 071SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1625     | 1726     | 1842     | 1731     | 6.27   | cps   |
| Antimony   | 121-1 | 775      | 1033     | 892      | 900      | 14.37  | cps   |
| Arsenic    | 75-2  | 180      | 204      | 157      | 180      | 12.85  | cps   |
| Barium     | 135-1 | 68745    | 69968    | 69315    | 69343    | 0.88   | cps   |
| Barium     | 137-1 | 123395   | 119822   | 118167   | 120462   | 2.22   | cps   |
| Beryllium  | 9-1   | 11       | 39       | 17       | 22       | 66.14  | cps   |
| Bismuth    | 209-1 | 11509321 | 11350479 | 11327244 | 11395681 | 0.87   | cps   |
| Bismuth    | 209-2 | 7157146  | 7084162  | 7112860  | 7118056  | 0.52   | cps   |
| Boron      | 10-1  | 1458     | 1450     | 1692     | 1533     | 8.95   | cps   |
| Boron      | 11-1  | 8361     | 8269     | 8027     | 8219     | 2.10   | cps   |
| Cadmium    | 111-1 | 2387     | 2423     | 2230     | 2347     | 4.37   | cps   |
| Cadmium    | 106-1 | 3384     | 3459     | 3176     | 3339     | 4.40   | cps   |
| Cadmium    | 108-1 | 21       | 21       | 25       | 22       | 10.84  | cps   |
| Calcium    | 43-1  | 268109   | 264030   | 266486   | 266208   | 0.77   | cps   |
| Calcium    | 44-1  | 4437905  | 4372828  | 4404903  | 4405212  | 0.74   | cps   |
| Chromium   | 52-2  | 1847     | 1980     | 1960     | 1929     | 3.73   | cps   |
| Cobalt     | 59-2  | 223      | 203      | 253      | 227      | 11.10  | cps   |
| Copper     | 63-2  | 408137   | 409897   | 407841   | 408625   | 0.27   | cps   |
| Dysprosium | 156-1 | 158      | 75       | 150      | 128      | 35.92  | cps   |
| Dysprosium | 156-2 | 37       | 63       | 67       | 56       | 29.59  | cps   |
| Erbium     | 164-1 | 167      | 150      | 175      | 164      | 7.77   | cps   |
| Erbium     | 164-2 | 60       | 77       | 87       | 74       | 18.10  | cps   |
| Gadolinium | 160-1 | 192      | 167      | 242      | 200      | 19.09  | cps   |
| Gadolinium | 160-2 | 167      | 197      | 173      | 179      | 8.81   | cps   |
| Holmium    | 165-1 | 17189644 | 17082571 | 17128827 | 17133681 | 0.31   | cps   |
| Holmium    | 165-2 | 9072492  | 8963170  | 9004033  | 9013231  | 0.61   | cps   |
| Indium     | 115-1 | 13243537 | 13114075 | 13134840 | 13164151 | 0.53   | cps   |
| Indium     | 115-2 | 2764396  | 2787166  | 2760123  | 2770562  | 0.52   | cps   |
| Iron       | 56-2  | 118574   | 113019   | 112044   | 114546   | 3.08   | cps   |
| Iron       | 57-2  | 3284     | 3684     | 3417     | 3462     | 5.89   | cps   |
| Lead       | 206-1 | 3228     | 3545     | 3356     | 3376     | 4.72   | cps   |
| Lead       | 207-1 | 2989     | 2895     | 2828     | 2904     | 2.79   | cps   |
| Lead       | 208-1 | 13270    | 13703    | 13353    | 13442    | 1.71   | cps   |
| Lithium    | 6-1   | 1868232  | 1841550  | 1855335  | 1855039  | 0.72   | cps   |
| Magnesium  | 24-2  | 527208   | 518595   | 520356   | 522053   | 0.87   | cps   |
| Manganese  | 55-2  | 43782    | 44136    | 43431    | 43783    | 0.81   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-41-FL1-CL205, | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:58:36   | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 842      | 775      | 850      | 822      | 5.00   | cps   |
| Molybdenum | 95-1  | 383      | 250      | 250      | 294      | 26.15  | cps   |
| Molybdenum | 96-1  | 350      | 475      | 417      | 414      | 15.11  | cps   |
| Molybdenum | 97-1  | 233      | 167      | 250      | 217      | 20.35  | cps   |
| Molybdenum | 98-1  | 525      | 425      | 483      | 478      | 10.51  | cps   |
| Neodymium  | 150-1 | 93       | 73       | 73       | 80       | 14.43  | cps   |
| Neodymium  | 150-2 | 50       | 37       | 27       | 38       | 30.98  | cps   |
| Nickel     | 60-2  | 890      | 723      | 790      | 801      | 10.47  | cps   |
| Phosphorus | 31-2  | 7519     | 7652     | 7194     | 7455     | 3.16   | cps   |
| Potassium  | 39-2  | 263618   | 264341   | 265162   | 264374   | 0.29   | cps   |
| Rhodium    | 103-1 | 12424403 | 12286666 | 12419677 | 12376915 | 0.63   | cps   |
| Rhodium    | 103-2 | 6042802  | 6092758  | 6056508  | 6064023  | 0.43   | cps   |
| Scandium   | 45-1  | 8336687  | 8202163  | 8261762  | 8266870  | 0.82   | cps   |
| Scandium   | 45-2  | 431000   | 430233   | 431213   | 430815   | 0.12   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 117      | 106      | 109      | 110      | 5.12   | cps   |
| Selenium   | 82-1  | 90       | 185      | 175      | 150      | 34.81  | cps   |
| Silicon    | 28-1  | 9270479  | 9115241  | 9056396  | 9147372  | 1.21   | cps   |
| Silver     | 109-1 | 192      | 208      | 167      | 189      | 11.10  | cps   |
| Silver     | 107-1 | 258      | 242      | 192      | 231      | 15.05  | cps   |
| Sodium     | 23-2  | 8778484  | 8738071  | 8735384  | 8750646  | 0.28   | cps   |
| Strontium  | 86-1  | 96028    | 95868    | 95491    | 95796    | 0.29   | cps   |
| Strontium  | 88-1  | 843092   | 836272   | 829208   | 836190   | 0.83   | cps   |
| Sulfur     | 34-1  | 524712   | 527578   | 526503   | 526264   | 0.28   | cps   |
| Terbium    | 159-1 | 17663011 | 17485519 | 17481984 | 17543505 | 0.59   | cps   |
| Terbium    | 159-2 | 9071402  | 8935640  | 9000813  | 9002618  | 0.75   | cps   |
| Thallium   | 203-1 | 458      | 283      | 342      | 361      | 24.68  | cps   |
| Thallium   | 205-1 | 667      | 883      | 683      | 745      | 16.20  | cps   |
| Tin        | 118-1 | 633      | 758      | 758      | 717      | 10.07  | cps   |
| Titanium   | 47-1  | 1017     | 21512    | 1417     | 7982     | 146.82 | cps   |
| Uranium    | 238-1 | 725      | 750      | 875      | 783      | 10.26  | cps   |
| Vanadium   | 51-2  | 257      | 270      | 277      | 268      | 3.80   | cps   |
| Yttrium    | 89-1  | 13523799 | 13447678 | 13287645 | 13419707 | 0.90   | cps   |
| Yttrium    | 89-2  | 2161884  | 2161698  | 2158419  | 2160667  | 0.09   | cps   |
| Zinc       | 66-2  | 26958    | 27583    | 26952    | 27164    | 1.33   | cps   |
| Zirconium  | 90-1  | 1500     | 1492     | 1717     | 1570     | 8.13   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-41-FL1-CL205, | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 19:58:36   | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 383  | 275  | 358  | 339     | 16.74  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-05 Instrumnet Name : P7  
 Client Sample ID : DC24741-42-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:02:01 DataFile Name : 072SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1675     | 1534     | 6490     | 3233     | 87.28  | cps   |
| Antimony   | 121-1 | 1200     | 1375     | 1383     | 1320     | 7.85   | cps   |
| Arsenic    | 75-2  | 183      | 165      | 206      | 185      | 11.05  | cps   |
| Barium     | 135-1 | 72046    | 71945    | 69860    | 71284    | 1.73   | cps   |
| Barium     | 137-1 | 124058   | 125884   | 121679   | 123873   | 1.70   | cps   |
| Beryllium  | 9-1   | 17       | 22       | 50       | 30       | 60.27  | cps   |
| Bismuth    | 209-1 | 11169688 | 11259922 | 11112410 | 11180673 | 0.67   | cps   |
| Bismuth    | 209-2 | 7111250  | 7038963  | 6981453  | 7043889  | 0.92   | cps   |
| Boron      | 10-1  | 1500     | 1650     | 1709     | 1620     | 6.64   | cps   |
| Boron      | 11-1  | 7694     | 8328     | 8086     | 8036     | 3.98   | cps   |
| Cadmium    | 111-1 | 2325     | 2446     | 2150     | 2307     | 6.44   | cps   |
| Cadmium    | 106-1 | 3242     | 3467     | 3025     | 3245     | 6.81   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 25       | 21       | 19.99  | cps   |
| Calcium    | 43-1  | 268809   | 261323   | 261710   | 263947   | 1.60   | cps   |
| Calcium    | 44-1  | 4388455  | 4373350  | 4387402  | 4383069  | 0.19   | cps   |
| Chromium   | 52-2  | 1730     | 1720     | 1800     | 1750     | 2.49   | cps   |
| Cobalt     | 59-2  | 247      | 290      | 367      | 301      | 20.18  | cps   |
| Copper     | 63-2  | 498883   | 504714   | 500924   | 501507   | 0.59   | cps   |
| Dysprosium | 156-1 | 125      | 133      | 100      | 119      | 14.52  | cps   |
| Dysprosium | 156-2 | 43       | 47       | 50       | 47       | 7.15   | cps   |
| Erbium     | 164-1 | 158      | 167      | 100      | 142      | 25.64  | cps   |
| Erbium     | 164-2 | 87       | 83       | 93       | 88       | 5.81   | cps   |
| Gadolinium | 160-1 | 208      | 225      | 233      | 222      | 5.73   | cps   |
| Gadolinium | 160-2 | 190      | 200      | 183      | 191      | 4.39   | cps   |
| Holmium    | 165-1 | 16955090 | 16975373 | 16922505 | 16950989 | 0.16   | cps   |
| Holmium    | 165-2 | 8978852  | 8899674  | 8949210  | 8942578  | 0.45   | cps   |
| Indium     | 115-1 | 13034905 | 12915292 | 12973775 | 12974657 | 0.46   | cps   |
| Indium     | 115-2 | 2729413  | 2751557  | 2737712  | 2739561  | 0.41   | cps   |
| Iron       | 56-2  | 112334   | 119450   | 116707   | 116164   | 3.09   | cps   |
| Iron       | 57-2  | 3495     | 3828     | 3928     | 3751     | 6.05   | cps   |
| Lead       | 206-1 | 15359    | 15265    | 14675    | 15100    | 2.45   | cps   |
| Lead       | 207-1 | 13290    | 12451    | 12501    | 12747    | 3.70   | cps   |
| Lead       | 208-1 | 59742    | 59320    | 58430    | 59164    | 1.13   | cps   |
| Lithium    | 6-1   | 1843059  | 1829916  | 1822868  | 1831947  | 0.56   | cps   |
| Magnesium  | 24-2  | 518177   | 520392   | 519974   | 519515   | 0.23   | cps   |
| Manganese  | 55-2  | 47720    | 47667    | 46925    | 47437    | 0.94   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-42-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:02:01  | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 683      | 658      | 783      | 708      | 9.34   | cps   |
| Molybdenum | 95-1  | 300      | 342      | 308      | 317      | 6.96   | cps   |
| Molybdenum | 96-1  | 483      | 392      | 400      | 425      | 11.93  | cps   |
| Molybdenum | 97-1  | 267      | 192      | 283      | 247      | 19.75  | cps   |
| Molybdenum | 98-1  | 417      | 492      | 358      | 422      | 15.83  | cps   |
| Neodymium  | 150-1 | 127      | 60       | 87       | 91       | 36.83  | cps   |
| Neodymium  | 150-2 | 50       | 43       | 53       | 49       | 10.42  | cps   |
| Nickel     | 60-2  | 3407     | 3460     | 3634     | 3500     | 3.39   | cps   |
| Phosphorus | 31-2  | 6752     | 7035     | 7544     | 7110     | 5.64   | cps   |
| Potassium  | 39-2  | 280793   | 282570   | 285521   | 282961   | 0.84   | cps   |
| Rhodium    | 103-1 | 12273306 | 12184954 | 11981940 | 12146733 | 1.23   | cps   |
| Rhodium    | 103-2 | 6085931  | 6037284  | 6044555  | 6055923  | 0.43   | cps   |
| Scandium   | 45-1  | 8209373  | 8161887  | 8238651  | 8203304  | 0.47   | cps   |
| Scandium   | 45-2  | 425614   | 426360   | 425966   | 425980   | 0.09   | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 100      | 128      | 115      | 114      | 12.17  | cps   |
| Selenium   | 82-1  | 18       | 52       | 78       | 50       | 60.33  | cps   |
| Silicon    | 28-1  | 9177379  | 9003875  | 9147754  | 9109669  | 1.02   | cps   |
| Silver     | 109-1 | 250      | 225      | 308      | 261      | 16.38  | cps   |
| Silver     | 107-1 | 200      | 250      | 258      | 236      | 13.36  | cps   |
| Sodium     | 23-2  | 8559996  | 8632892  | 8545882  | 8579590  | 0.54   | cps   |
| Strontium  | 86-1  | 97338    | 96741    | 95164    | 96414    | 1.16   | cps   |
| Strontium  | 88-1  | 844784   | 837660   | 834270   | 838905   | 0.64   | cps   |
| Sulfur     | 34-1  | 526221   | 524719   | 528300   | 526414   | 0.34   | cps   |
| Terbium    | 159-1 | 17573531 | 17401275 | 17160088 | 17378298 | 1.20   | cps   |
| Terbium    | 159-2 | 9019768  | 8958683  | 8940991  | 8973147  | 0.46   | cps   |
| Thallium   | 203-1 | 400      | 342      | 208      | 317      | 31.03  | cps   |
| Thallium   | 205-1 | 750      | 783      | 792      | 775      | 2.84   | cps   |
| Tin        | 118-1 | 692      | 767      | 800      | 753      | 7.37   | cps   |
| Titanium   | 47-1  | 1183     | 1033     | 958      | 1058     | 10.83  | cps   |
| Uranium    | 238-1 | 925      | 667      | 708      | 767      | 18.09  | cps   |
| Vanadium   | 51-2  | 260      | 227      | 270      | 252      | 9.00   | cps   |
| Yttrium    | 89-1  | 13273692 | 13279914 | 13249981 | 13267862 | 0.12   | cps   |
| Yttrium    | 89-2  | 2147979  | 2129889  | 2135132  | 2137667  | 0.44   | cps   |
| Zinc       | 66-2  | 127632   | 129165   | 127326   | 128041   | 0.77   | cps   |
| Zirconium  | 90-1  | 1567     | 1542     | 1508     | 1539     | 1.90   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-42-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:02:01  | DataFile Name :   | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 292  | 325  | 308     | 5.41   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-43-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:05:25  | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1442     | 1725     | 1917     | 1695     | 14.11  | cps   |
| Antimony   | 121-1 | 833      | 850      | 700      | 795      | 10.35  | cps   |
| Arsenic    | 75-2  | 178      | 211      | 202      | 197      | 8.74   | cps   |
| Barium     | 135-1 | 67832    | 69575    | 69248    | 68885    | 1.34   | cps   |
| Barium     | 137-1 | 122898   | 118150   | 118217   | 119755   | 2.27   | cps   |
| Beryllium  | 9-1   | 17       | 56       | 44       | 39       | 51.50  | cps   |
| Bismuth    | 209-1 | 11270748 | 11195412 | 11233830 | 11233330 | 0.34   | cps   |
| Bismuth    | 209-2 | 6999051  | 6974709  | 6969278  | 6981013  | 0.23   | cps   |
| Boron      | 10-1  | 1467     | 1583     | 1500     | 1517     | 3.96   | cps   |
| Boron      | 11-1  | 8119     | 8253     | 8578     | 8317     | 2.84   | cps   |
| Cadmium    | 111-1 | 2391     | 2523     | 2599     | 2504     | 4.21   | cps   |
| Cadmium    | 106-1 | 3384     | 3584     | 3684     | 3551     | 4.30   | cps   |
| Cadmium    | 108-1 | 4        | 21       | 13       | 13       | 66.64  | cps   |
| Calcium    | 43-1  | 269395   | 267020   | 266089   | 267501   | 0.64   | cps   |
| Calcium    | 44-1  | 4483387  | 4416085  | 4393249  | 4430907  | 1.06   | cps   |
| Chromium   | 52-2  | 1833     | 1790     | 1677     | 1767     | 4.58   | cps   |
| Cobalt     | 59-2  | 280      | 237      | 220      | 246      | 12.61  | cps   |
| Copper     | 63-2  | 338319   | 342577   | 341957   | 340951   | 0.67   | cps   |
| Dysprosium | 156-1 | 100      | 75       | 117      | 97       | 21.57  | cps   |
| Dysprosium | 156-2 | 40       | 80       | 60       | 60       | 33.33  | cps   |
| Erbium     | 164-1 | 133      | 142      | 142      | 139      | 3.46   | cps   |
| Erbium     | 164-2 | 63       | 63       | 53       | 60       | 9.62   | cps   |
| Gadolinium | 160-1 | 250      | 242      | 192      | 228      | 13.85  | cps   |
| Gadolinium | 160-2 | 213      | 230      | 207      | 217      | 5.55   | cps   |
| Holmium    | 165-1 | 17257206 | 17234959 | 16986048 | 17159404 | 0.88   | cps   |
| Holmium    | 165-2 | 8864576  | 9032768  | 8976680  | 8958008  | 0.96   | cps   |
| Indium     | 115-1 | 13244333 | 13104225 | 13074984 | 13141181 | 0.69   | cps   |
| Indium     | 115-2 | 2729606  | 2766090  | 2763101  | 2752932  | 0.74   | cps   |
| Iron       | 56-2  | 118851   | 113520   | 115205   | 115859   | 2.35   | cps   |
| Iron       | 57-2  | 3467     | 3389     | 3879     | 3579     | 7.35   | cps   |
| Lead       | 206-1 | 2656     | 2817     | 2617     | 2697     | 3.93   | cps   |
| Lead       | 207-1 | 2467     | 2411     | 2245     | 2374     | 4.87   | cps   |
| Lead       | 208-1 | 10557    | 10691    | 10696    | 10648    | 0.74   | cps   |
| Lithium    | 6-1   | 1873605  | 1852447  | 1857225  | 1861092  | 0.60   | cps   |
| Magnesium  | 24-2  | 521330   | 522581   | 526247   | 523386   | 0.49   | cps   |
| Manganese  | 55-2  | 43865    | 43508    | 43996    | 43790    | 0.58   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-43-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:05:25  | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 775      | 850      | 850      | 825      | 5.25   | cps   |
| Molybdenum | 95-1  | 292      | 325      | 358      | 325      | 10.26  | cps   |
| Molybdenum | 96-1  | 492      | 492      | 483      | 489      | 0.98   | cps   |
| Molybdenum | 97-1  | 192      | 350      | 292      | 278      | 28.83  | cps   |
| Molybdenum | 98-1  | 550      | 425      | 525      | 500      | 13.23  | cps   |
| Neodymium  | 150-1 | 107      | 140      | 40       | 96       | 53.29  | cps   |
| Neodymium  | 150-2 | 37       | 30       | 17       | 28       | 36.66  | cps   |
| Nickel     | 60-2  | 863      | 783      | 833      | 827      | 4.89   | cps   |
| Phosphorus | 31-2  | 7769     | 7969     | 7969     | 7902     | 1.46   | cps   |
| Potassium  | 39-2  | 268065   | 265967   | 264751   | 266261   | 0.63   | cps   |
| Rhodium    | 103-1 | 12565228 | 12448876 | 12321053 | 12445052 | 0.98   | cps   |
| Rhodium    | 103-2 | 5979160  | 6197431  | 6141189  | 6105927  | 1.86   | cps   |
| Scandium   | 45-1  | 8379677  | 8334972  | 8240333  | 8318327  | 0.86   | cps   |
| Scandium   | 45-2  | 425863   | 425998   | 430443   | 427435   | 0.61   | cps   |
| Selenium   | 77-2  | 0        | 13       | 3        | 6        | 124.93 | cps   |
| Selenium   | 78-2  | 111      | 102      | 109      | 107      | 4.56   | cps   |
| Selenium   | 82-1  | 46       | 16       | 53       | 38       | 51.05  | cps   |
| Silicon    | 28-1  | 9273834  | 9223423  | 9197061  | 9231439  | 0.42   | cps   |
| Silver     | 109-1 | 133      | 142      | 117      | 131      | 9.75   | cps   |
| Silver     | 107-1 | 183      | 250      | 167      | 200      | 22.05  | cps   |
| Sodium     | 23-2  | 8783748  | 8736076  | 8854707  | 8791510  | 0.68   | cps   |
| Strontium  | 86-1  | 96766    | 97078    | 96557    | 96800    | 0.27   | cps   |
| Strontium  | 88-1  | 839621   | 837015   | 833789   | 836808   | 0.35   | cps   |
| Sulfur     | 34-1  | 538377   | 539982   | 537923   | 538761   | 0.20   | cps   |
| Terbium    | 159-1 | 17658150 | 17351299 | 17415592 | 17475014 | 0.93   | cps   |
| Terbium    | 159-2 | 8951736  | 8996043  | 8927753  | 8958511  | 0.39   | cps   |
| Thallium   | 203-1 | 408      | 333      | 275      | 339      | 19.72  | cps   |
| Thallium   | 205-1 | 808      | 958      | 783      | 850      | 11.14  | cps   |
| Tin        | 118-1 | 675      | 842      | 675      | 731      | 13.17  | cps   |
| Titanium   | 47-1  | 967      | 950      | 983      | 967      | 1.72   | cps   |
| Uranium    | 238-1 | 800      | 750      | 617      | 722      | 13.12  | cps   |
| Vanadium   | 51-2  | 277      | 290      | 260      | 276      | 5.45   | cps   |
| Yttrium    | 89-1  | 13521232 | 13429169 | 13299902 | 13416768 | 0.83   | cps   |
| Yttrium    | 89-2  | 2139549  | 2168031  | 2152060  | 2153213  | 0.66   | cps   |
| Zinc       | 66-2  | 10454    | 10577    | 10127    | 10386    | 2.24   | cps   |
| Zirconium  | 90-1  | 1809     | 1625     | 1684     | 1706     | 5.49   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-43-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:05:25  | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 267  | 342  | 292     | 14.85  | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-07 Instrumnet Name : P7  
 Client Sample ID : DC24741-44-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:08:50 DataFile Name : 074SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 121289   | 119837   | 119350   | 120159   | 0.84   | cps   |
| Antimony   | 121-1 | 1175     | 992      | 1217     | 1128     | 10.61  | cps   |
| Arsenic    | 75-2  | 150      | 124      | 152      | 142      | 10.94  | cps   |
| Barium     | 135-1 | 59595    | 58742    | 59009    | 59116    | 0.74   | cps   |
| Barium     | 137-1 | 104862   | 104046   | 103441   | 104116   | 0.69   | cps   |
| Beryllium  | 9-1   | 28       | 33       | 72       | 44       | 54.48  | cps   |
| Bismuth    | 209-1 | 11544560 | 11481609 | 11349931 | 11458700 | 0.87   | cps   |
| Bismuth    | 209-2 | 7156936  | 7056728  | 7039764  | 7084476  | 0.89   | cps   |
| Boron      | 10-1  | 2075     | 2034     | 2400     | 2170     | 9.25   | cps   |
| Boron      | 11-1  | 10204    | 10254    | 10512    | 10323    | 1.60   | cps   |
| Cadmium    | 111-1 | 2462     | 2597     | 2618     | 2559     | 3.32   | cps   |
| Cadmium    | 106-1 | 3184     | 3309     | 3342     | 3278     | 2.55   | cps   |
| Cadmium    | 108-1 | 54       | 46       | 54       | 51       | 9.37   | cps   |
| Calcium    | 43-1  | 269201   | 266560   | 272400   | 269387   | 1.09   | cps   |
| Calcium    | 44-1  | 4472960  | 4446208  | 4450037  | 4456401  | 0.32   | cps   |
| Chromium   | 52-2  | 1503     | 1690     | 1590     | 1595     | 5.86   | cps   |
| Cobalt     | 59-2  | 1173     | 1090     | 1140     | 1135     | 3.70   | cps   |
| Copper     | 63-2  | 1227560  | 1230907  | 1226283  | 1228250  | 0.19   | cps   |
| Dysprosium | 156-1 | 58       | 8        | 58       | 42       | 69.29  | cps   |
| Dysprosium | 156-2 | 27       | 40       | 33       | 33       | 20.00  | cps   |
| Erbium     | 164-1 | 92       | 125      | 117      | 111      | 15.61  | cps   |
| Erbium     | 164-2 | 37       | 97       | 43       | 59       | 55.85  | cps   |
| Gadolinium | 160-1 | 150      | 150      | 175      | 158      | 9.12   | cps   |
| Gadolinium | 160-2 | 147      | 197      | 170      | 171      | 14.62  | cps   |
| Holmium    | 165-1 | 17296504 | 17363707 | 17212610 | 17290940 | 0.44   | cps   |
| Holmium    | 165-2 | 9041475  | 8962184  | 9049884  | 9017847  | 0.54   | cps   |
| Indium     | 115-1 | 13393036 | 13208806 | 13058500 | 13220114 | 1.27   | cps   |
| Indium     | 115-2 | 2771388  | 2763979  | 2757097  | 2764155  | 0.26   | cps   |
| Iron       | 56-2  | 147925   | 146677   | 151830   | 148811   | 1.81   | cps   |
| Iron       | 57-2  | 4379     | 4295     | 4506     | 4393     | 2.42   | cps   |
| Lead       | 206-1 | 14697    | 14063    | 14113    | 14291    | 2.47   | cps   |
| Lead       | 207-1 | 12189    | 12000    | 11839    | 12009    | 1.46   | cps   |
| Lead       | 208-1 | 56687    | 55352    | 54935    | 55658    | 1.65   | cps   |
| Lithium    | 6-1   | 1911893  | 1882589  | 1902291  | 1898924  | 0.79   | cps   |
| Magnesium  | 24-2  | 539906   | 542578   | 545553   | 542679   | 0.52   | cps   |
| Manganese  | 55-2  | 41492    | 41378    | 40863    | 41245    | 0.81   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-07 Instrumnet Name : P7  
 Client Sample ID : DC24741-44-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:08:50 DataFile Name : 074SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 608      | 842      | 842      | 764      | 17.64    | cps   |
| Molybdenum | 95-1  | 300      | 350      | 417      | 356      | 16.46    | cps   |
| Molybdenum | 96-1  | 475      | 400      | 425      | 433      | 8.81     | cps   |
| Molybdenum | 97-1  | 208      | 233      | 208      | 217      | 6.66     | cps   |
| Molybdenum | 98-1  | 633      | 492      | 558      | 561      | 12.63    | cps   |
| Neodymium  | 150-1 | 40       | 27       | 53       | 40       | 33.33    | cps   |
| Neodymium  | 150-2 | 23       | 20       | 43       | 29       | 43.68    | cps   |
| Nickel     | 60-2  | 11311    | 10931    | 10998    | 11080    | 1.83     | cps   |
| Phosphorus | 31-2  | 4568     | 4543     | 4559     | 4556     | 0.28     | cps   |
| Potassium  | 39-2  | 267567   | 272170   | 271796   | 270511   | 0.95     | cps   |
| Rhodium    | 103-1 | 12445609 | 12490961 | 12315717 | 12417429 | 0.73     | cps   |
| Rhodium    | 103-2 | 6118963  | 6175598  | 6116953  | 6137172  | 0.54     | cps   |
| Scandium   | 45-1  | 8316032  | 8480368  | 8496244  | 8430881  | 1.18     | cps   |
| Scandium   | 45-2  | 432490   | 428448   | 430951   | 430630   | 0.47     | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60    | cps   |
| Selenium   | 78-2  | 96       | 107      | 109      | 104      | 6.72     | cps   |
| Selenium   | 82-1  | -90      | 109      | -25      | -2       | -4892.23 | cps   |
| Silicon    | 28-1  | 9540179  | 9519221  | 9413118  | 9490840  | 0.72     | cps   |
| Silver     | 109-1 | 217      | 192      | 283      | 231      | 20.55    | cps   |
| Silver     | 107-1 | 325      | 192      | 217      | 244      | 28.99    | cps   |
| Sodium     | 23-2  | 8849141  | 8766019  | 8773367  | 8796175  | 0.52     | cps   |
| Strontium  | 86-1  | 97925    | 95777    | 97589    | 97097    | 1.19     | cps   |
| Strontium  | 88-1  | 846973   | 836942   | 838522   | 840812   | 0.64     | cps   |
| Sulfur     | 34-1  | 543828   | 541244   | 540421   | 541831   | 0.33     | cps   |
| Terbium    | 159-1 | 17945580 | 17651521 | 17604208 | 17733770 | 1.04     | cps   |
| Terbium    | 159-2 | 9117084  | 8980419  | 9017163  | 9038222  | 0.78     | cps   |
| Thallium   | 203-1 | 317      | 317      | 350      | 328      | 5.87     | cps   |
| Thallium   | 205-1 | 800      | 950      | 1025     | 925      | 12.39    | cps   |
| Tin        | 118-1 | 9420     | 10038    | 9929     | 9796     | 3.36     | cps   |
| Titanium   | 47-1  | 1008     | 933      | 775      | 906      | 13.15    | cps   |
| Uranium    | 238-1 | 542      | 467      | 467      | 492      | 8.81     | cps   |
| Vanadium   | 51-2  | 493      | 533      | 457      | 494      | 7.76     | cps   |
| Yttrium    | 89-1  | 13668556 | 13472819 | 13284617 | 13475331 | 1.42     | cps   |
| Yttrium    | 89-2  | 2153910  | 2153958  | 2145654  | 2151174  | 0.22     | cps   |
| Zinc       | 66-2  | 494689   | 494088   | 496208   | 494995   | 0.22     | cps   |
| Zirconium  | 90-1  | 1375     | 1450     | 1675     | 1500     | 10.41    | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-44-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:08:50   | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 342  | 308  | 331     | 5.82   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-08 Instrumnet Name : P7  
 Client Sample ID : DC24741-45-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:12:14 DataFile Name : 075SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 92016    | 93877    | 94783    | 93559    | 1.51   | cps   |
| Antimony   | 121-1 | 808      | 1167     | 1008     | 995      | 18.06  | cps   |
| Arsenic    | 75-2  | 169      | 193      | 148      | 170      | 13.11  | cps   |
| Barium     | 135-1 | 57252    | 56315    | 57277    | 56948    | 0.96   | cps   |
| Barium     | 137-1 | 96484    | 96727    | 97926    | 97046    | 0.80   | cps   |
| Beryllium  | 9-1   | 22       | 6        | 22       | 17       | 57.71  | cps   |
| Bismuth    | 209-1 | 11377619 | 11698007 | 11510095 | 11528574 | 1.40   | cps   |
| Bismuth    | 209-2 | 7128183  | 7140524  | 7240071  | 7169593  | 0.86   | cps   |
| Boron      | 10-1  | 2159     | 2292     | 1950     | 2134     | 8.07   | cps   |
| Boron      | 11-1  | 10629    | 10221    | 10688    | 10512    | 2.42   | cps   |
| Cadmium    | 111-1 | 2549     | 2533     | 2650     | 2578     | 2.47   | cps   |
| Cadmium    | 106-1 | 3567     | 3517     | 3734     | 3606     | 3.15   | cps   |
| Cadmium    | 108-1 | 21       | 42       | 25       | 29       | 37.81  | cps   |
| Calcium    | 43-1  | 267851   | 262310   | 264526   | 264896   | 1.05   | cps   |
| Calcium    | 44-1  | 4375833  | 4331827  | 4348580  | 4352080  | 0.51   | cps   |
| Chromium   | 52-2  | 1960     | 2040     | 2104     | 2035     | 3.53   | cps   |
| Cobalt     | 59-2  | 983      | 907      | 900      | 930      | 4.98   | cps   |
| Copper     | 63-2  | 799339   | 802239   | 807978   | 803185   | 0.55   | cps   |
| Dysprosium | 156-1 | 25       | 17       | 83       | 42       | 87.18  | cps   |
| Dysprosium | 156-2 | 17       | 27       | 30       | 24       | 28.38  | cps   |
| Erbium     | 164-1 | 67       | 92       | 108      | 89       | 23.59  | cps   |
| Erbium     | 164-2 | 57       | 40       | 50       | 49       | 17.16  | cps   |
| Gadolinium | 160-1 | 192      | 192      | 150      | 178      | 13.53  | cps   |
| Gadolinium | 160-2 | 177      | 193      | 167      | 179      | 7.53   | cps   |
| Holmium    | 165-1 | 17249057 | 17576563 | 16908810 | 17244810 | 1.94   | cps   |
| Holmium    | 165-2 | 8992682  | 9038268  | 9116970  | 9049307  | 0.69   | cps   |
| Indium     | 115-1 | 13352215 | 13432344 | 13010256 | 13264938 | 1.69   | cps   |
| Indium     | 115-2 | 2773451  | 2762701  | 2785081  | 2773744  | 0.40   | cps   |
| Iron       | 56-2  | 128111   | 126161   | 122991   | 125754   | 2.06   | cps   |
| Iron       | 57-2  | 3751     | 4190     | 3701     | 3880     | 6.93   | cps   |
| Lead       | 206-1 | 5790     | 5879     | 5818     | 5829     | 0.78   | cps   |
| Lead       | 207-1 | 5490     | 5251     | 5062     | 5268     | 4.07   | cps   |
| Lead       | 208-1 | 24493    | 24054    | 23570    | 24039    | 1.92   | cps   |
| Lithium    | 6-1   | 1909398  | 1934352  | 1887505  | 1910418  | 1.23   | cps   |
| Magnesium  | 24-2  | 531729   | 530636   | 536555   | 532973   | 0.59   | cps   |
| Manganese  | 55-2  | 38962    | 38604    | 39620    | 39062    | 1.32   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-45-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:12:14   | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 608      | 725      | 700      | 678      | 9.06   | cps   |
| Molybdenum | 95-1  | 292      | 292      | 283      | 289      | 1.66   | cps   |
| Molybdenum | 96-1  | 475      | 483      | 442      | 467      | 4.72   | cps   |
| Molybdenum | 97-1  | 350      | 283      | 317      | 317      | 10.53  | cps   |
| Molybdenum | 98-1  | 567      | 517      | 575      | 553      | 5.71   | cps   |
| Neodymium  | 150-1 | 33       | 27       | 47       | 36       | 28.64  | cps   |
| Neodymium  | 150-2 | 10       | 27       | 13       | 17       | 52.93  | cps   |
| Nickel     | 60-2  | 2720     | 2720     | 2560     | 2667     | 3.46   | cps   |
| Phosphorus | 31-2  | 5510     | 5126     | 4968     | 5201     | 5.36   | cps   |
| Potassium  | 39-2  | 266902   | 267690   | 268319   | 267637   | 0.27   | cps   |
| Rhodium    | 103-1 | 12430589 | 12750828 | 12376866 | 12519428 | 1.62   | cps   |
| Rhodium    | 103-2 | 6119857  | 6189675  | 6131011  | 6146848  | 0.61   | cps   |
| Scandium   | 45-1  | 8417090  | 8579402  | 8402280  | 8466257  | 1.16   | cps   |
| Scandium   | 45-2  | 432220   | 430515   | 439184   | 433973   | 1.06   | cps   |
| Selenium   | 77-2  | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 85       | 98       | 133      | 106      | 23.60  | cps   |
| Selenium   | 82-1  | 123      | -40      | -15      | 23       | 386.85 | cps   |
| Silicon    | 28-1  | 9527428  | 9408058  | 9387732  | 9441073  | 0.80   | cps   |
| Silver     | 109-1 | 142      | 158      | 167      | 156      | 8.18   | cps   |
| Silver     | 107-1 | 125      | 217      | 200      | 181      | 27.04  | cps   |
| Sodium     | 23-2  | 8716404  | 8778520  | 8767006  | 8753977  | 0.38   | cps   |
| Strontium  | 86-1  | 95065    | 94385    | 95533    | 94994    | 0.61   | cps   |
| Strontium  | 88-1  | 833061   | 829269   | 829134   | 830488   | 0.27   | cps   |
| Sulfur     | 34-1  | 536867   | 543437   | 539815   | 540039   | 0.61   | cps   |
| Terbium    | 159-1 | 17735467 | 17974225 | 17396459 | 17702050 | 1.64   | cps   |
| Terbium    | 159-2 | 9069814  | 9058310  | 9166515  | 9098213  | 0.65   | cps   |
| Thallium   | 203-1 | 417      | 367      | 325      | 369      | 12.42  | cps   |
| Thallium   | 205-1 | 792      | 808      | 917      | 839      | 8.09   | cps   |
| Tin        | 118-1 | 8820     | 7661     | 7711     | 8064     | 8.13   | cps   |
| Titanium   | 47-1  | 867      | 875      | 867      | 870      | 0.55   | cps   |
| Uranium    | 238-1 | 333      | 383      | 250      | 322      | 20.90  | cps   |
| Vanadium   | 51-2  | 523      | 513      | 453      | 497      | 7.62   | cps   |
| Yttrium    | 89-1  | 13593316 | 13789886 | 13347736 | 13576980 | 1.63   | cps   |
| Yttrium    | 89-2  | 2164338  | 2165004  | 2177490  | 2168944  | 0.34   | cps   |
| Zinc       | 66-2  | 57573    | 57617    | 57747    | 57646    | 0.16   | cps   |
| Zirconium  | 90-1  | 1492     | 1784     | 1625     | 1634     | 8.94   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-45-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:12:14   | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 250  | 325  | 308     | 16.88  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV70               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV70               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:15:38 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1042     | 833      | 758      | 878      | 16.73  | cps   |
| Antimony   | 121-1 | 217      | 242      | 233      | 231      | 5.52   | cps   |
| Arsenic    | 75-2  | 9        | 9        | 11       | 10       | 10.81  | cps   |
| Barium     | 135-1 | 50       | 33       | 108      | 64       | 61.65  | cps   |
| Barium     | 137-1 | 42       | 83       | 117      | 81       | 46.64  | cps   |
| Beryllium  | 9-1   | 33       | 17       | 22       | 24       | 35.24  | cps   |
| Bismuth    | 209-1 | 11015728 | 11152419 | 10899734 | 11022627 | 1.15   | cps   |
| Bismuth    | 209-2 | 6519690  | 6527584  | 6570741  | 6539338  | 0.42   | cps   |
| Boron      | 10-1  | 350      | 425      | 408      | 394      | 9.98   | cps   |
| Boron      | 11-1  | 2034     | 1959     | 1875     | 1956     | 4.05   | cps   |
| Cadmium    | 111-1 | 2212     | 2231     | 2337     | 2260     | 2.99   | cps   |
| Cadmium    | 106-1 | 3117     | 3167     | 3342     | 3209     | 3.68   | cps   |
| Cadmium    | 108-1 | 17       | 4        | 21       | 14       | 62.43  | cps   |
| Calcium    | 43-1  | 1067     | 992      | 1117     | 1058     | 5.95   | cps   |
| Calcium    | 44-1  | 27243    | 26466    | 27159    | 26956    | 1.58   | cps   |
| Chromium   | 52-2  | 1673     | 1650     | 1790     | 1705     | 4.40   | cps   |
| Cobalt     | 59-2  | 117      | 163      | 147      | 142      | 16.63  | cps   |
| Copper     | 63-2  | 1357     | 1270     | 1393     | 1340     | 4.73   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 25       | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 3        | 10       | 7        | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 50       | 75       | 58       | 61       | 20.83  | cps   |
| Erbium     | 164-2 | 27       | 33       | 27       | 29       | 13.31  | cps   |
| Gadolinium | 160-1 | 100      | 108      | 50       | 86       | 36.64  | cps   |
| Gadolinium | 160-2 | 123      | 113      | 173      | 137      | 23.52  | cps   |
| Holmium    | 165-1 | 16366213 | 16506142 | 16483591 | 16451982 | 0.46   | cps   |
| Holmium    | 165-2 | 8513174  | 8581709  | 8612797  | 8569227  | 0.59   | cps   |
| Indium     | 115-1 | 12633530 | 12600877 | 12518623 | 12584343 | 0.47   | cps   |
| Indium     | 115-2 | 2614278  | 2628650  | 2629105  | 2624011  | 0.32   | cps   |
| Iron       | 56-2  | 7852     | 7897     | 7774     | 7841     | 0.79   | cps   |
| Iron       | 57-2  | 361      | 361      | 361      | 361      | 0.00   | cps   |
| Lead       | 206-1 | 7548379  | 7612167  | 7634947  | 7598498  | 0.59   | cps   |
| Lead       | 207-1 | 6829304  | 6867745  | 6886873  | 6861308  | 0.43   | cps   |
| Lead       | 208-1 | 30691366 | 30877287 | 30851007 | 30806553 | 0.33   | cps   |
| Lithium    | 6-1   | 1850983  | 1828264  | 1813957  | 1831068  | 1.02   | cps   |
| Magnesium  | 24-2  | 475      | 475      | 408      | 453      | 8.50   | cps   |
| Manganese  | 55-2  | 107      | 130      | 100      | 112      | 14.04  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV70               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV70               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:15:38 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 358      | 325      | 392      | 358      | 9.30    | cps   |
| Molybdenum | 95-1  | 150      | 200      | 158      | 169      | 15.81   | cps   |
| Molybdenum | 96-1  | 333      | 250      | 250      | 278      | 17.32   | cps   |
| Molybdenum | 97-1  | 108      | 125      | 167      | 133      | 22.54   | cps   |
| Molybdenum | 98-1  | 242      | 225      | 242      | 236      | 4.08    | cps   |
| Neodymium  | 150-1 | 27       | 7        | 0        | 11       | 124.89  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 103      | 97       | 133      | 111      | 17.58   | cps   |
| Phosphorus | 31-2  | 292      | 225      | 342      | 286      | 20.46   | cps   |
| Potassium  | 39-2  | 42487    | 41751    | 40540    | 41593    | 2.36    | cps   |
| Rhodium    | 103-1 | 11933541 | 11977623 | 11848319 | 11919828 | 0.55    | cps   |
| Rhodium    | 103-2 | 5764256  | 5807029  | 5817846  | 5796377  | 0.49    | cps   |
| Scandium   | 45-1  | 8093214  | 8077446  | 7977105  | 8049255  | 0.78    | cps   |
| Scandium   | 45-2  | 410114   | 413784   | 411238   | 411712   | 0.46    | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 93       | 111      | 104      | 102      | 9.10    | cps   |
| Selenium   | 82-1  | 40       | 54       | -74      | 7        | 1074.41 | cps   |
| Silicon    | 28-1  | 566851   | 571233   | 574149   | 570744   | 0.64    | cps   |
| Silver     | 109-1 | 175      | 108      | 142      | 142      | 23.53   | cps   |
| Silver     | 107-1 | 133      | 208      | 183      | 175      | 21.82   | cps   |
| Sodium     | 23-2  | 42370    | 41258    | 40998    | 41542    | 1.75    | cps   |
| Strontium  | 86-1  | 1809     | 1583     | 1667     | 1686     | 6.75    | cps   |
| Strontium  | 88-1  | 1267     | 1208     | 1133     | 1203     | 5.56    | cps   |
| Sulfur     | 34-1  | 438238   | 445067   | 450265   | 444523   | 1.36    | cps   |
| Terbium    | 159-1 | 16995290 | 16759625 | 16994317 | 16916411 | 0.80    | cps   |
| Terbium    | 159-2 | 8432702  | 8568933  | 8449407  | 8483681  | 0.88    | cps   |
| Thallium   | 203-1 | 308      | 433      | 417      | 386      | 17.58   | cps   |
| Thallium   | 205-1 | 992      | 742      | 983      | 906      | 15.68   | cps   |
| Tin        | 118-1 | 1292     | 958      | 1358     | 1203     | 17.82   | cps   |
| Titanium   | 47-1  | 283      | 283      | 217      | 261      | 14.74   | cps   |
| Uranium    | 238-1 | 300      | 342      | 358      | 333      | 9.01    | cps   |
| Vanadium   | 51-2  | 43       | 33       | 43       | 40       | 14.43   | cps   |
| Yttrium    | 89-1  | 12975712 | 12987695 | 12967746 | 12977051 | 0.08    | cps   |
| Yttrium    | 89-2  | 2037236  | 2035667  | 2046299  | 2039734  | 0.28    | cps   |
| Zinc       | 66-2  | 497      | 473      | 477      | 482      | 2.62    | cps   |
| Zirconium  | 90-1  | 808      | 950      | 817      | 858      | 9.26    | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV70               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV70               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:15:38 | DataFile Name :   | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 175  | 150  | 186     | 22.98  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB70               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB70               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:19:02 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 433      | 317      | 367      | 372      | 15.73  | cps   |
| Antimony   | 121-1 | 92       | 75       | 117      | 94       | 22.21  | cps   |
| Arsenic    | 75-2  | 11       | 7        | 6        | 8        | 35.21  | cps   |
| Barium     | 135-1 | 108      | 25       | 50       | 61       | 69.98  | cps   |
| Barium     | 137-1 | 42       | 100      | 133      | 92       | 50.61  | cps   |
| Beryllium  | 9-1   | 33       | 11       | 39       | 28       | 52.92  | cps   |
| Bismuth    | 209-1 | 10815919 | 10771858 | 10762459 | 10783412 | 0.26   | cps   |
| Bismuth    | 209-2 | 6450231  | 6577702  | 6522974  | 6516969  | 0.98   | cps   |
| Boron      | 10-1  | 325      | 342      | 308      | 325      | 5.13   | cps   |
| Boron      | 11-1  | 1417     | 1575     | 1433     | 1475     | 5.90   | cps   |
| Cadmium    | 111-1 | 2345     | 2147     | 2206     | 2233     | 4.56   | cps   |
| Cadmium    | 106-1 | 3342     | 3067     | 3151     | 3187     | 4.43   | cps   |
| Cadmium    | 108-1 | 4        | 13       | 17       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 333      | 467      | 333      | 378      | 20.38  | cps   |
| Calcium    | 44-1  | 17828    | 17328    | 17887    | 17681    | 1.74   | cps   |
| Chromium   | 52-2  | 1717     | 1663     | 1803     | 1728     | 4.09   | cps   |
| Cobalt     | 59-2  | 80       | 80       | 77       | 79       | 2.44   | cps   |
| Copper     | 63-2  | 2537     | 2584     | 2664     | 2595     | 2.47   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 25       | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 10       | 3        | 3        | 6        | 69.34  | cps   |
| Erbium     | 164-1 | 58       | 42       | 33       | 44       | 28.65  | cps   |
| Erbium     | 164-2 | 30       | 47       | 23       | 33       | 36.07  | cps   |
| Gadolinium | 160-1 | 117      | 25       | 125      | 89       | 62.42  | cps   |
| Gadolinium | 160-2 | 107      | 120      | 123      | 117      | 7.56   | cps   |
| Holmium    | 165-1 | 16277627 | 16196595 | 16266200 | 16246808 | 0.27   | cps   |
| Holmium    | 165-2 | 8450299  | 8366709  | 8555905  | 8457638  | 1.12   | cps   |
| Indium     | 115-1 | 12417316 | 12659377 | 12408005 | 12494899 | 1.14   | cps   |
| Indium     | 115-2 | 2614907  | 2580367  | 2627366  | 2607547  | 0.93   | cps   |
| Iron       | 56-2  | 5535     | 5451     | 5434     | 5473     | 0.98   | cps   |
| Iron       | 57-2  | 289      | 300      | 278      | 289      | 3.85   | cps   |
| Lead       | 206-1 | 1211     | 1311     | 1339     | 1287     | 5.22   | cps   |
| Lead       | 207-1 | 1272     | 1006     | 1233     | 1170     | 12.31  | cps   |
| Lead       | 208-1 | 5239     | 5178     | 5412     | 5276     | 2.29   | cps   |
| Lithium    | 6-1   | 1815100  | 1808019  | 1802314  | 1808478  | 0.35   | cps   |
| Magnesium  | 24-2  | 492      | 425      | 458      | 458      | 7.27   | cps   |
| Manganese  | 55-2  | 53       | 57       | 67       | 59       | 11.79  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB70               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB70               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:19:02 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 225      | 275      | 283      | 261      | 12.08  | cps   |
| Molybdenum | 95-1  | 58       | 50       | 67       | 58       | 14.29  | cps   |
| Molybdenum | 96-1  | 125      | 92       | 75       | 97       | 26.19  | cps   |
| Molybdenum | 97-1  | 108      | 75       | 158      | 114      | 36.83  | cps   |
| Molybdenum | 98-1  | 67       | 33       | 108      | 69       | 54.12  | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 77       | 57       | 83       | 72       | 19.21  | cps   |
| Phosphorus | 31-2  | 233      | 317      | 208      | 253      | 22.44  | cps   |
| Potassium  | 39-2  | 40865    | 41576    | 39679    | 40707    | 2.35   | cps   |
| Rhodium    | 103-1 | 11817850 | 11749517 | 11862457 | 11809941 | 0.48   | cps   |
| Rhodium    | 103-2 | 5755273  | 5680228  | 5812111  | 5749204  | 1.15   | cps   |
| Scandium   | 45-1  | 7859548  | 8006417  | 7955152  | 7940372  | 0.94   | cps   |
| Scandium   | 45-2  | 400613   | 399243   | 408799   | 402885   | 1.28   | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 113      | 128      | 111      | 117      | 7.79   | cps   |
| Selenium   | 82-1  | 1        | 47       | 48       | 32       | 83.63  | cps   |
| Silicon    | 28-1  | 553511   | 549802   | 555162   | 552825   | 0.50   | cps   |
| Silver     | 109-1 | 67       | 33       | 83       | 61       | 41.67  | cps   |
| Silver     | 107-1 | 92       | 158      | 142      | 131      | 26.58  | cps   |
| Sodium     | 23-2  | 39461    | 39545    | 40338    | 39781    | 1.22   | cps   |
| Strontium  | 86-1  | 1934     | 1700     | 1659     | 1764     | 8.40   | cps   |
| Strontium  | 88-1  | 1567     | 1592     | 1267     | 1475     | 12.26  | cps   |
| Sulfur     | 34-1  | 437741   | 435784   | 433965   | 435830   | 0.43   | cps   |
| Terbium    | 159-1 | 16676873 | 16671305 | 16513422 | 16620533 | 0.56   | cps   |
| Terbium    | 159-2 | 8567276  | 8387348  | 8609873  | 8521499  | 1.39   | cps   |
| Thallium   | 203-1 | 208      | 158      | 242      | 203      | 20.69  | cps   |
| Thallium   | 205-1 | 583      | 550      | 675      | 603      | 10.74  | cps   |
| Tin        | 118-1 | 1475     | 1442     | 1442     | 1453     | 1.32   | cps   |
| Titanium   | 47-1  | 142      | 117      | 225      | 161      | 35.21  | cps   |
| Uranium    | 238-1 | 50       | 67       | 92       | 69       | 30.20  | cps   |
| Vanadium   | 51-2  | 17       | 30       | 23       | 23       | 28.56  | cps   |
| Yttrium    | 89-1  | 12765719 | 12715396 | 12740949 | 12740688 | 0.20   | cps   |
| Yttrium    | 89-2  | 2020426  | 1996443  | 2058533  | 2025134  | 1.55   | cps   |
| Zinc       | 66-2  | 203      | 307      | 227      | 246      | 22.07  | cps   |
| Zirconium  | 90-1  | 675      | 608      | 592      | 625      | 7.06   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB70               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB70               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:19:02 | DataFile Name :   | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 200  | 58   | 142     | 52.28  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-09 Instrumnet Name : P7  
 Client Sample ID : DC24741-46-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:22:28 DataFile Name : 078SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 53564    | 53096    | 53221    | 53293    | 0.45   | cps   |
| Antimony   | 121-1 | 35020    | 34635    | 34268    | 34641    | 1.09   | cps   |
| Arsenic    | 75-2  | 254      | 193      | 241      | 229      | 14.06  | cps   |
| Barium     | 135-1 | 98188    | 97558    | 95249    | 96999    | 1.60   | cps   |
| Barium     | 137-1 | 171444   | 167886   | 168789   | 169373   | 1.09   | cps   |
| Beryllium  | 9-1   | 44       | 61       | 50       | 52       | 16.36  | cps   |
| Bismuth    | 209-1 | 11584407 | 11576000 | 11483585 | 11547997 | 0.48   | cps   |
| Bismuth    | 209-2 | 7152217  | 7240378  | 7182876  | 7191824  | 0.62   | cps   |
| Boron      | 10-1  | 1967     | 2084     | 2050     | 2034     | 2.96   | cps   |
| Boron      | 11-1  | 10229    | 10029    | 9762     | 10006    | 2.34   | cps   |
| Cadmium    | 111-1 | 5697     | 5914     | 5982     | 5864     | 2.54   | cps   |
| Cadmium    | 106-1 | 3884     | 4118     | 4259     | 4087     | 4.64   | cps   |
| Cadmium    | 108-1 | 538      | 563      | 583      | 561      | 4.09   | cps   |
| Calcium    | 43-1  | 360296   | 358647   | 354858   | 357934   | 0.78   | cps   |
| Calcium    | 44-1  | 5937664  | 6000414  | 5964689  | 5967589  | 0.53   | cps   |
| Chromium   | 52-2  | 40633    | 40241    | 40415    | 40430    | 0.48   | cps   |
| Cobalt     | 59-2  | 8573     | 8596     | 8809     | 8659     | 1.51   | cps   |
| Copper     | 63-2  | 3660586  | 3675757  | 3673579  | 3669974  | 0.22   | cps   |
| Dysprosium | 156-1 | 233      | 267      | 225      | 242      | 9.12   | cps   |
| Dysprosium | 156-2 | 130      | 143      | 117      | 130      | 10.26  | cps   |
| Erbium     | 164-1 | 367      | 358      | 300      | 342      | 10.63  | cps   |
| Erbium     | 164-2 | 150      | 150      | 153      | 151      | 1.28   | cps   |
| Gadolinium | 160-1 | 283      | 333      | 400      | 339      | 17.27  | cps   |
| Gadolinium | 160-2 | 270      | 260      | 347      | 292      | 16.23  | cps   |
| Holmium    | 165-1 | 17776444 | 17534156 | 17170944 | 17493848 | 1.74   | cps   |
| Holmium    | 165-2 | 9119064  | 9163057  | 9191052  | 9157724  | 0.40   | cps   |
| Indium     | 115-1 | 13405285 | 13420040 | 13200082 | 13341802 | 0.92   | cps   |
| Indium     | 115-2 | 2782212  | 2808449  | 2798304  | 2796321  | 0.47   | cps   |
| Iron       | 56-2  | 990054   | 980654   | 982812   | 984507   | 0.50   | cps   |
| Iron       | 57-2  | 25039    | 25016    | 25350    | 25135    | 0.74   | cps   |
| Lead       | 206-1 | 251585   | 250460   | 244580   | 248875   | 1.51   | cps   |
| Lead       | 207-1 | 210127   | 209169   | 205557   | 208284   | 1.16   | cps   |
| Lead       | 208-1 | 980062   | 975514   | 960679   | 972085   | 1.04   | cps   |
| Lithium    | 6-1   | 1941163  | 1910642  | 1898832  | 1916879  | 1.14   | cps   |
| Magnesium  | 24-2  | 611755   | 617283   | 618509   | 615849   | 0.58   | cps   |
| Manganese  | 55-2  | 495766   | 500545   | 500412   | 498907   | 0.55   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-09 Instrumnet Name : P7  
 Client Sample ID : DC24741-46-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:22:28 DataFile Name : 078SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1408     | 1567     | 1650     | 1542     | 7.96   | cps   |
| Molybdenum | 95-1  | 925      | 842      | 908      | 892      | 4.95   | cps   |
| Molybdenum | 96-1  | 958      | 1117     | 1033     | 1036     | 7.64   | cps   |
| Molybdenum | 97-1  | 483      | 667      | 717      | 622      | 19.74  | cps   |
| Molybdenum | 98-1  | 1767     | 1659     | 1533     | 1653     | 7.07   | cps   |
| Neodymium  | 150-1 | 287      | 233      | 300      | 273      | 12.90  | cps   |
| Neodymium  | 150-2 | 140      | 183      | 107      | 143      | 26.82  | cps   |
| Nickel     | 60-2  | 2282504  | 2277560  | 2275013  | 2278359  | 0.17   | cps   |
| Phosphorus | 31-2  | 2617     | 2817     | 2809     | 2748     | 4.12   | cps   |
| Potassium  | 39-2  | 296873   | 300312   | 301726   | 299637   | 0.83   | cps   |
| Rhodium    | 103-1 | 12560103 | 12582170 | 12389858 | 12510710 | 0.84   | cps   |
| Rhodium    | 103-2 | 6178406  | 6223004  | 6162955  | 6188122  | 0.50   | cps   |
| Scandium   | 45-1  | 8523874  | 8376106  | 8359838  | 8419940  | 1.07   | cps   |
| Scandium   | 45-2  | 438093   | 439089   | 434361   | 437181   | 0.57   | cps   |
| Selenium   | 77-2  | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Selenium   | 78-2  | 91       | 128      | 117      | 112      | 17.01  | cps   |
| Selenium   | 82-1  | 134      | 76       | -122     | 29       | 461.97 | cps   |
| Silicon    | 28-1  | 12607475 | 12572625 | 12460671 | 12546924 | 0.61   | cps   |
| Silver     | 109-1 | 333      | 425      | 267      | 342      | 23.27  | cps   |
| Silver     | 107-1 | 475      | 442      | 500      | 472      | 6.20   | cps   |
| Sodium     | 23-2  | 8590609  | 8588393  | 8597265  | 8592089  | 0.05   | cps   |
| Strontium  | 86-1  | 124368   | 124049   | 123536   | 123985   | 0.34   | cps   |
| Strontium  | 88-1  | 1096079  | 1085537  | 1075901  | 1085839  | 0.93   | cps   |
| Sulfur     | 34-1  | 548189   | 551873   | 552917   | 550993   | 0.45   | cps   |
| Terbium    | 159-1 | 17879442 | 18011552 | 17469733 | 17786909 | 1.59   | cps   |
| Terbium    | 159-2 | 9129497  | 9147007  | 9047537  | 9108014  | 0.58   | cps   |
| Thallium   | 203-1 | 825      | 892      | 1000     | 906      | 9.75   | cps   |
| Thallium   | 205-1 | 2150     | 2209     | 2367     | 2242     | 5.00   | cps   |
| Tin        | 118-1 | 15209    | 15052    | 15234    | 15165    | 0.65   | cps   |
| Titanium   | 47-1  | 2242     | 2167     | 2375     | 2261     | 4.67   | cps   |
| Uranium    | 238-1 | 1383     | 1367     | 1500     | 1417     | 5.13   | cps   |
| Vanadium   | 51-2  | 680      | 613      | 540      | 611      | 11.46  | cps   |
| Yttrium    | 89-1  | 13764715 | 13743090 | 13471889 | 13659898 | 1.19   | cps   |
| Yttrium    | 89-2  | 2188845  | 2170869  | 2169829  | 2176514  | 0.49   | cps   |
| Zinc       | 66-2  | 4809439  | 4800880  | 4824088  | 4811469  | 0.24   | cps   |
| Zirconium  | 90-1  | 2842     | 2617     | 2750     | 2737     | 4.14   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-46-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:22:28   | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 575  | 567  | 467  | 536     | 11.25  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-10 Instrumnet Name : P7  
 Client Sample ID : DC24741-47-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:25:51 DataFile Name : 079SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 6343     | 5568     | 6895     | 6269     | 10.64  | cps   |
| Antimony   | 121-1 | 85368    | 83733    | 84579    | 84560    | 0.97   | cps   |
| Arsenic    | 75-2  | 272      | 215      | 233      | 240      | 12.20  | cps   |
| Barium     | 135-1 | 85077    | 82780    | 83584    | 83814    | 1.39   | cps   |
| Barium     | 137-1 | 144082   | 145394   | 144318   | 144598   | 0.48   | cps   |
| Beryllium  | 9-1   | 33       | 50       | 39       | 41       | 20.83  | cps   |
| Bismuth    | 209-1 | 11364209 | 11329972 | 11251539 | 11315240 | 0.51   | cps   |
| Bismuth    | 209-2 | 7043807  | 7072972  | 7102223  | 7073001  | 0.41   | cps   |
| Boron      | 10-1  | 1725     | 1734     | 1834     | 1764     | 3.42   | cps   |
| Boron      | 11-1  | 8128     | 9328     | 8961     | 8806     | 6.99   | cps   |
| Cadmium    | 111-1 | 3259     | 3295     | 3195     | 3250     | 1.55   | cps   |
| Cadmium    | 106-1 | 3559     | 3626     | 3559     | 3581     | 1.08   | cps   |
| Cadmium    | 108-1 | 213      | 258      | 221      | 231      | 10.59  | cps   |
| Calcium    | 43-1  | 313819   | 314488   | 315938   | 314748   | 0.34   | cps   |
| Calcium    | 44-1  | 5280174  | 5218560  | 5203605  | 5234113  | 0.78   | cps   |
| Chromium   | 52-2  | 1547     | 1447     | 1493     | 1496     | 3.35   | cps   |
| Cobalt     | 59-2  | 5318     | 5695     | 5521     | 5511     | 3.42   | cps   |
| Copper     | 63-2  | 2518606  | 2525420  | 2530299  | 2524775  | 0.23   | cps   |
| Dysprosium | 156-1 | 175      | 283      | 208      | 222      | 24.97  | cps   |
| Dysprosium | 156-2 | 153      | 103      | 143      | 133      | 19.84  | cps   |
| Erbium     | 164-1 | 217      | 225      | 225      | 222      | 2.16   | cps   |
| Erbium     | 164-2 | 153      | 167      | 120      | 147      | 16.39  | cps   |
| Gadolinium | 160-1 | 308      | 292      | 258      | 286      | 8.90   | cps   |
| Gadolinium | 160-2 | 290      | 290      | 237      | 272      | 11.31  | cps   |
| Holmium    | 165-1 | 17158012 | 17016019 | 16940082 | 17038038 | 0.65   | cps   |
| Holmium    | 165-2 | 8873560  | 8966084  | 8974546  | 8938063  | 0.63   | cps   |
| Indium     | 115-1 | 13153967 | 13176331 | 13048931 | 13126410 | 0.52   | cps   |
| Indium     | 115-2 | 2720162  | 2734811  | 2756259  | 2737077  | 0.66   | cps   |
| Iron       | 56-2  | 777602   | 781352   | 784334   | 781096   | 0.43   | cps   |
| Iron       | 57-2  | 20009    | 19864    | 20109    | 19994    | 0.62   | cps   |
| Lead       | 206-1 | 131365   | 132610   | 130983   | 131652   | 0.65   | cps   |
| Lead       | 207-1 | 110310   | 109767   | 109879   | 109985   | 0.26   | cps   |
| Lead       | 208-1 | 513198   | 517247   | 511035   | 513827   | 0.61   | cps   |
| Lithium    | 6-1   | 1882843  | 1875265  | 1853532  | 1870547  | 0.81   | cps   |
| Magnesium  | 24-2  | 546763   | 558633   | 555535   | 553644   | 1.11   | cps   |
| Manganese  | 55-2  | 431289   | 430508   | 437385   | 433061   | 0.87   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-47-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:25:51   | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1092     | 1167     | 1042     | 1100     | 5.72   | cps   |
| Molybdenum | 95-1  | 433      | 442      | 608      | 494      | 19.97  | cps   |
| Molybdenum | 96-1  | 758      | 675      | 708      | 714      | 5.87   | cps   |
| Molybdenum | 97-1  | 383      | 467      | 375      | 408      | 12.41  | cps   |
| Molybdenum | 98-1  | 933      | 925      | 1383     | 1081     | 24.27  | cps   |
| Neodymium  | 150-1 | 180      | 253      | 280      | 238      | 21.78  | cps   |
| Neodymium  | 150-2 | 107      | 97       | 83       | 96       | 12.25  | cps   |
| Nickel     | 60-2  | 2039869  | 2036022  | 2029725  | 2035205  | 0.25   | cps   |
| Phosphorus | 31-2  | 3117     | 2875     | 3025     | 3006     | 4.06   | cps   |
| Potassium  | 39-2  | 278018   | 280180   | 283892   | 280697   | 1.06   | cps   |
| Rhodium    | 103-1 | 12409132 | 12157551 | 12179177 | 12248620 | 1.14   | cps   |
| Rhodium    | 103-2 | 6086762  | 6056175  | 6100445  | 6081127  | 0.37   | cps   |
| Scandium   | 45-1  | 8353453  | 8375456  | 8360138  | 8363016  | 0.13   | cps   |
| Scandium   | 45-2  | 427659   | 424557   | 432073   | 428096   | 0.88   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 104      | 130      | 65       | 99       | 32.82  | cps   |
| Selenium   | 82-1  | 23       | 215      | 115      | 118      | 81.51  | cps   |
| Silicon    | 28-1  | 11426115 | 11492577 | 11347018 | 11421903 | 0.64   | cps   |
| Silver     | 109-1 | 342      | 392      | 450      | 394      | 13.75  | cps   |
| Silver     | 107-1 | 358      | 492      | 500      | 450      | 17.67  | cps   |
| Sodium     | 23-2  | 8261362  | 8311301  | 8316815  | 8296493  | 0.37   | cps   |
| Strontium  | 86-1  | 103757   | 105368   | 104755   | 104627   | 0.78   | cps   |
| Strontium  | 88-1  | 916803   | 903077   | 909027   | 909636   | 0.76   | cps   |
| Sulfur     | 34-1  | 536580   | 539114   | 537100   | 537598   | 0.25   | cps   |
| Terbium    | 159-1 | 17568117 | 17482536 | 17487453 | 17512702 | 0.27   | cps   |
| Terbium    | 159-2 | 8943791  | 9003103  | 8932754  | 8959883  | 0.42   | cps   |
| Thallium   | 203-1 | 1000     | 933      | 875      | 936      | 6.68   | cps   |
| Thallium   | 205-1 | 2142     | 2709     | 2050     | 2300     | 15.51  | cps   |
| Tin        | 118-1 | 28722    | 29199    | 29031    | 28984    | 0.84   | cps   |
| Titanium   | 47-1  | 1784     | 1975     | 1759     | 1839     | 6.45   | cps   |
| Uranium    | 238-1 | 1383     | 1400     | 1358     | 1381     | 1.52   | cps   |
| Vanadium   | 51-2  | 410      | 463      | 413      | 429      | 6.97   | cps   |
| Yttrium    | 89-1  | 13508171 | 13304752 | 13306251 | 13373058 | 0.87   | cps   |
| Yttrium    | 89-2  | 2143600  | 2139607  | 2152086  | 2145097  | 0.30   | cps   |
| Zinc       | 66-2  | 2395545  | 2396509  | 2410655  | 2400903  | 0.35   | cps   |
| Zirconium  | 90-1  | 2259     | 2009     | 1934     | 2067     | 8.23   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-47-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:25:51   | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 525  | 458  | 450  | 478     | 8.60   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-48-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:29:16   | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 9845     | 10296    | 10488    | 10210    | 3.23   | cps   |
| Antimony   | 121-1 | 1075     | 1008     | 933      | 1006     | 7.05   | cps   |
| Arsenic    | 75-2  | 144      | 167      | 148      | 153      | 7.78   | cps   |
| Barium     | 135-1 | 62207    | 63094    | 63161    | 62821    | 0.85   | cps   |
| Barium     | 137-1 | 108463   | 109823   | 107288   | 108525   | 1.17   | cps   |
| Beryllium  | 9-1   | 28       | 17       | 22       | 22       | 25.00  | cps   |
| Bismuth    | 209-1 | 11308417 | 11303593 | 11220099 | 11277369 | 0.44   | cps   |
| Bismuth    | 209-2 | 6950922  | 6893763  | 7103032  | 6982572  | 1.55   | cps   |
| Boron      | 10-1  | 1600     | 1600     | 1725     | 1642     | 4.40   | cps   |
| Boron      | 11-1  | 7852     | 7936     | 8319     | 8036     | 3.10   | cps   |
| Cadmium    | 111-1 | 2424     | 2528     | 2353     | 2435     | 3.61   | cps   |
| Cadmium    | 106-1 | 3426     | 3584     | 3301     | 3437     | 4.13   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 17       | 18       | 13.30  | cps   |
| Calcium    | 43-1  | 260691   | 260040   | 259141   | 259957   | 0.30   | cps   |
| Calcium    | 44-1  | 4332757  | 4316604  | 4307936  | 4319099  | 0.29   | cps   |
| Chromium   | 52-2  | 2097     | 1994     | 2154     | 2081     | 3.90   | cps   |
| Cobalt     | 59-2  | 430      | 407      | 383      | 407      | 5.74   | cps   |
| Copper     | 63-2  | 789429   | 794076   | 786372   | 789959   | 0.49   | cps   |
| Dysprosium | 156-1 | 75       | 58       | 42       | 58       | 28.57  | cps   |
| Dysprosium | 156-2 | 23       | 37       | 43       | 34       | 29.57  | cps   |
| Erbium     | 164-1 | 108      | 75       | 92       | 92       | 18.18  | cps   |
| Erbium     | 164-2 | 77       | 40       | 57       | 58       | 31.78  | cps   |
| Gadolinium | 160-1 | 208      | 167      | 117      | 164      | 28.00  | cps   |
| Gadolinium | 160-2 | 130      | 217      | 177      | 174      | 24.87  | cps   |
| Holmium    | 165-1 | 17099924 | 17077058 | 16879929 | 17018970 | 0.71   | cps   |
| Holmium    | 165-2 | 8894588  | 8864389  | 9017746  | 8925574  | 0.91   | cps   |
| Indium     | 115-1 | 13081170 | 13061675 | 12893882 | 13012242 | 0.79   | cps   |
| Indium     | 115-2 | 2735686  | 2716235  | 2758993  | 2736971  | 0.78   | cps   |
| Iron       | 56-2  | 86409    | 86657    | 94488    | 89185    | 5.15   | cps   |
| Iron       | 57-2  | 2784     | 3012     | 2850     | 2882     | 4.06   | cps   |
| Lead       | 206-1 | 9304     | 9265     | 9532     | 9367     | 1.54   | cps   |
| Lead       | 207-1 | 8392     | 7658     | 7291     | 7780     | 7.20   | cps   |
| Lead       | 208-1 | 36376    | 36142    | 35742    | 36087    | 0.89   | cps   |
| Lithium    | 6-1   | 1857753  | 1856382  | 1835177  | 1849771  | 0.68   | cps   |
| Magnesium  | 24-2  | 512399   | 522045   | 517837   | 517427   | 0.93   | cps   |
| Manganese  | 55-2  | 36298    | 37003    | 36719    | 36674    | 0.97   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-48-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:29:16   | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 600      | 817      | 767      | 728      | 15.59   | cps   |
| Molybdenum | 95-1  | 258      | 375      | 400      | 344      | 21.95   | cps   |
| Molybdenum | 96-1  | 525      | 575      | 483      | 528      | 8.70    | cps   |
| Molybdenum | 97-1  | 292      | 233      | 342      | 289      | 18.77   | cps   |
| Molybdenum | 98-1  | 617      | 558      | 508      | 561      | 9.66    | cps   |
| Neodymium  | 150-1 | 20       | 53       | 93       | 56       | 66.09   | cps   |
| Neodymium  | 150-2 | 27       | 23       | 33       | 28       | 18.33   | cps   |
| Nickel     | 60-2  | 24664    | 24621    | 24494    | 24593    | 0.36    | cps   |
| Phosphorus | 31-2  | 7027     | 6693     | 6743     | 6821     | 2.64    | cps   |
| Potassium  | 39-2  | 261235   | 259357   | 262297   | 260963   | 0.57    | cps   |
| Rhodium    | 103-1 | 12317734 | 12274009 | 12320706 | 12304150 | 0.21    | cps   |
| Rhodium    | 103-2 | 5981421  | 6027000  | 6114445  | 6040955  | 1.12    | cps   |
| Scandium   | 45-1  | 8176347  | 8176997  | 8130610  | 8161318  | 0.33    | cps   |
| Scandium   | 45-2  | 429277   | 419498   | 435492   | 428089   | 1.88    | cps   |
| Selenium   | 77-2  | 7        | 3        | 7        | 6        | 34.70   | cps   |
| Selenium   | 78-2  | 119      | 107      | 76       | 101      | 21.96   | cps   |
| Selenium   | 82-1  | -61      | -13      | 32       | -14      | -336.93 | cps   |
| Silicon    | 28-1  | 8852170  | 8923318  | 8863002  | 8879497  | 0.43    | cps   |
| Silver     | 109-1 | 158      | 283      | 275      | 239      | 29.26   | cps   |
| Silver     | 107-1 | 300      | 250      | 267      | 272      | 9.35    | cps   |
| Sodium     | 23-2  | 8342290  | 8356543  | 8330075  | 8342969  | 0.16    | cps   |
| Strontium  | 86-1  | 93646    | 93320    | 93647    | 93538    | 0.20    | cps   |
| Strontium  | 88-1  | 823690   | 818891   | 816026   | 819535   | 0.47    | cps   |
| Sulfur     | 34-1  | 518702   | 523502   | 520052   | 520752   | 0.48    | cps   |
| Terbium    | 159-1 | 17639790 | 17713373 | 17353928 | 17569030 | 1.08    | cps   |
| Terbium    | 159-2 | 8969819  | 8838924  | 9052859  | 8953867  | 1.20    | cps   |
| Thallium   | 203-1 | 333      | 358      | 358      | 350      | 4.12    | cps   |
| Thallium   | 205-1 | 783      | 758      | 817      | 786      | 3.72    | cps   |
| Tin        | 118-1 | 1092     | 1317     | 1433     | 1281     | 13.56   | cps   |
| Titanium   | 47-1  | 892      | 933      | 875      | 900      | 3.34    | cps   |
| Uranium    | 238-1 | 433      | 383      | 392      | 403      | 6.65    | cps   |
| Vanadium   | 51-2  | 237      | 240      | 263      | 247      | 5.89    | cps   |
| Yttrium    | 89-1  | 13344905 | 13231943 | 13140742 | 13239196 | 0.77    | cps   |
| Yttrium    | 89-2  | 2121604  | 2111337  | 2155401  | 2129448  | 1.08    | cps   |
| Zinc       | 66-2  | 115257   | 115166   | 114411   | 114945   | 0.40    | cps   |
| Zirconium  | 90-1  | 1167     | 1325     | 1350     | 1281     | 7.76    | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-48-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:29:16   | DataFile Name :   | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 333  | 375  | 333  | 347     | 6.93   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-49-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:32:40   | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2593     | 2292     | 1792     | 2226     | 18.19  | cps   |
| Antimony   | 121-1 | 625      | 742      | 800      | 722      | 12.34  | cps   |
| Arsenic    | 75-2  | 181      | 183      | 180      | 181      | 1.02   | cps   |
| Barium     | 135-1 | 68654    | 67648    | 66267    | 67523    | 1.77   | cps   |
| Barium     | 137-1 | 116972   | 116990   | 119074   | 117679   | 1.03   | cps   |
| Beryllium  | 9-1   | 33       | 6        | 39       | 26       | 68.87  | cps   |
| Bismuth    | 209-1 | 11204009 | 11243691 | 11495542 | 11314414 | 1.40   | cps   |
| Bismuth    | 209-2 | 7157739  | 7062140  | 7082434  | 7100771  | 0.71   | cps   |
| Boron      | 10-1  | 1567     | 1525     | 1742     | 1611     | 7.14   | cps   |
| Boron      | 11-1  | 8344     | 7844     | 8386     | 8191     | 3.68   | cps   |
| Cadmium    | 111-1 | 2323     | 2315     | 2290     | 2309     | 0.74   | cps   |
| Cadmium    | 106-1 | 3276     | 3276     | 3251     | 3267     | 0.44   | cps   |
| Cadmium    | 108-1 | 17       | 4        | 21       | 14       | 62.43  | cps   |
| Calcium    | 43-1  | 266032   | 263551   | 263263   | 264282   | 0.58   | cps   |
| Calcium    | 44-1  | 4365643  | 4383545  | 4318794  | 4355994  | 0.77   | cps   |
| Chromium   | 52-2  | 1480     | 1707     | 1760     | 1649     | 9.02   | cps   |
| Cobalt     | 59-2  | 240      | 233      | 257      | 243      | 4.94   | cps   |
| Copper     | 63-2  | 189152   | 187519   | 185466   | 187379   | 0.99   | cps   |
| Dysprosium | 156-1 | 208      | 142      | 92       | 147      | 39.76  | cps   |
| Dysprosium | 156-2 | 70       | 47       | 37       | 51       | 33.46  | cps   |
| Erbium     | 164-1 | 133      | 83       | 158      | 125      | 30.55  | cps   |
| Erbium     | 164-2 | 70       | 87       | 50       | 69       | 26.65  | cps   |
| Gadolinium | 160-1 | 175      | 183      | 167      | 175      | 4.76   | cps   |
| Gadolinium | 160-2 | 193      | 240      | 190      | 208      | 13.46  | cps   |
| Holmium    | 165-1 | 17076071 | 17171987 | 17124529 | 17124196 | 0.28   | cps   |
| Holmium    | 165-2 | 9088553  | 9105325  | 9046339  | 9080073  | 0.33   | cps   |
| Indium     | 115-1 | 13012529 | 13116500 | 13273294 | 13134108 | 1.00   | cps   |
| Indium     | 115-2 | 2765534  | 2768355  | 2764619  | 2766169  | 0.07   | cps   |
| Iron       | 56-2  | 123444   | 123065   | 122574   | 123027   | 0.35   | cps   |
| Iron       | 57-2  | 3990     | 3717     | 3545     | 3751     | 5.98   | cps   |
| Lead       | 206-1 | 3462     | 3245     | 3239     | 3315     | 3.82   | cps   |
| Lead       | 207-1 | 2728     | 2839     | 3039     | 2869     | 5.50   | cps   |
| Lead       | 208-1 | 13092    | 13092    | 13453    | 13212    | 1.58   | cps   |
| Lithium    | 6-1   | 1887157  | 1862848  | 1899571  | 1883192  | 0.99   | cps   |
| Magnesium  | 24-2  | 522223   | 513643   | 521632   | 519166   | 0.92   | cps   |
| Manganese  | 55-2  | 47286    | 46400    | 46758    | 46814    | 0.95   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-49-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:32:40   | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 775      | 792      | 717      | 761      | 5.17   | cps   |
| Molybdenum | 95-1  | 300      | 383      | 267      | 317      | 18.98  | cps   |
| Molybdenum | 96-1  | 392      | 525      | 475      | 464      | 14.52  | cps   |
| Molybdenum | 97-1  | 258      | 283      | 225      | 256      | 11.45  | cps   |
| Molybdenum | 98-1  | 467      | 592      | 508      | 522      | 12.19  | cps   |
| Neodymium  | 150-1 | 73       | 53       | 73       | 67       | 17.32  | cps   |
| Neodymium  | 150-2 | 33       | 33       | 43       | 37       | 15.75  | cps   |
| Nickel     | 60-2  | 1930     | 1860     | 2060     | 1950     | 5.20   | cps   |
| Phosphorus | 31-2  | 7594     | 8069     | 7586     | 7750     | 3.57   | cps   |
| Potassium  | 39-2  | 265606   | 265445   | 263416   | 264822   | 0.46   | cps   |
| Rhodium    | 103-1 | 12463611 | 12334108 | 12347961 | 12381894 | 0.57   | cps   |
| Rhodium    | 103-2 | 6132345  | 6146850  | 6040649  | 6106615  | 0.94   | cps   |
| Scandium   | 45-1  | 8300115  | 8242664  | 8314242  | 8285674  | 0.46   | cps   |
| Scandium   | 45-2  | 430484   | 433602   | 432054   | 432047   | 0.36   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 115      | 102      | 93       | 103      | 10.83  | cps   |
| Selenium   | 82-1  | 67       | 62       | 89       | 73       | 19.96  | cps   |
| Silicon    | 28-1  | 9084211  | 9199717  | 9144896  | 9142941  | 0.63   | cps   |
| Silver     | 109-1 | 142      | 158      | 100      | 133      | 22.54  | cps   |
| Silver     | 107-1 | 167      | 108      | 142      | 139      | 21.07  | cps   |
| Sodium     | 23-2  | 8661554  | 8548688  | 8528235  | 8579492  | 0.84   | cps   |
| Strontium  | 86-1  | 96030    | 96080    | 94226    | 95445    | 1.11   | cps   |
| Strontium  | 88-1  | 834237   | 826226   | 824239   | 828234   | 0.64   | cps   |
| Sulfur     | 34-1  | 532782   | 532121   | 538135   | 534346   | 0.62   | cps   |
| Terbium    | 159-1 | 17661166 | 17616260 | 17717737 | 17665054 | 0.29   | cps   |
| Terbium    | 159-2 | 9020588  | 8945382  | 9021557  | 8995842  | 0.49   | cps   |
| Thallium   | 203-1 | 375      | 317      | 333      | 342      | 8.79   | cps   |
| Thallium   | 205-1 | 875      | 800      | 892      | 856      | 5.71   | cps   |
| Tin        | 118-1 | 858      | 733      | 750      | 781      | 8.70   | cps   |
| Titanium   | 47-1  | 892      | 1092     | 975      | 986      | 10.19  | cps   |
| Uranium    | 238-1 | 767      | 758      | 850      | 792      | 6.40   | cps   |
| Vanadium   | 51-2  | 270      | 300      | 277      | 282      | 5.58   | cps   |
| Yttrium    | 89-1  | 13528571 | 13471379 | 13550195 | 13516715 | 0.30   | cps   |
| Yttrium    | 89-2  | 2156704  | 2144319  | 2156505  | 2152509  | 0.33   | cps   |
| Zinc       | 66-2  | 14170    | 14197    | 13953    | 14107    | 0.95   | cps   |
| Zirconium  | 90-1  | 1617     | 1275     | 1450     | 1447     | 11.81  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-49-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:32:40   | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 342  | 458  | 381     | 17.70  | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-13 Instrumnet Name : P7  
 Client Sample ID : DC24741-50-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:36:03 DataFile Name : 082SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 44551    | 44760    | 44852    | 44721    | 0.34   | cps   |
| Antimony   | 121-1 | 1108     | 842      | 850      | 933      | 16.24  | cps   |
| Arsenic    | 75-2  | 204      | 185      | 181      | 190      | 6.26   | cps   |
| Barium     | 135-1 | 8078     | 8044     | 8870     | 8331     | 5.61   | cps   |
| Barium     | 137-1 | 14859    | 14633    | 15835    | 15109    | 4.23   | cps   |
| Beryllium  | 9-1   | 100      | 67       | 117      | 94       | 26.96  | cps   |
| Bismuth    | 209-1 | 11267985 | 11302986 | 11421325 | 11330765 | 0.71   | cps   |
| Bismuth    | 209-2 | 7085225  | 7300832  | 7155125  | 7180394  | 1.53   | cps   |
| Boron      | 10-1  | 30615    | 31108    | 32453    | 31392    | 3.03   | cps   |
| Boron      | 11-1  | 156898   | 158433   | 163957   | 159762   | 2.32   | cps   |
| Cadmium    | 111-1 | 2396     | 2397     | 2387     | 2393     | 0.22   | cps   |
| Cadmium    | 106-1 | 3417     | 3392     | 3417     | 3409     | 0.42   | cps   |
| Cadmium    | 108-1 | 13       | 4        | 25       | 14       | 75.48  | cps   |
| Calcium    | 43-1  | 303815   | 302512   | 300149   | 302159   | 0.61   | cps   |
| Calcium    | 44-1  | 5041784  | 5056628  | 5000222  | 5032878  | 0.58   | cps   |
| Chromium   | 52-2  | 2077     | 2120     | 2277     | 2158     | 4.88   | cps   |
| Cobalt     | 59-2  | 277      | 277      | 270      | 274      | 1.40   | cps   |
| Copper     | 63-2  | 10037    | 10244    | 10084    | 10121    | 1.07   | cps   |
| Dysprosium | 156-1 | 50       | 50       | 50       | 50       | 0.00   | cps   |
| Dysprosium | 156-2 | 17       | 10       | 17       | 14       | 26.66  | cps   |
| Erbium     | 164-1 | 125      | 100      | 125      | 117      | 12.38  | cps   |
| Erbium     | 164-2 | 53       | 80       | 53       | 62       | 24.75  | cps   |
| Gadolinium | 160-1 | 125      | 158      | 108      | 131      | 19.50  | cps   |
| Gadolinium | 160-2 | 170      | 147      | 163      | 160      | 7.51   | cps   |
| Holmium    | 165-1 | 17183774 | 17170090 | 17467279 | 17273714 | 0.97   | cps   |
| Holmium    | 165-2 | 9069708  | 9120595  | 9015131  | 9068478  | 0.58   | cps   |
| Indium     | 115-1 | 13096594 | 13129833 | 13241383 | 13155937 | 0.58   | cps   |
| Indium     | 115-2 | 2751217  | 2770724  | 2747498  | 2756479  | 0.45   | cps   |
| Iron       | 56-2  | 27088    | 26647    | 26769    | 26835    | 0.85   | cps   |
| Iron       | 57-2  | 1478     | 1372     | 1483     | 1445     | 4.33   | cps   |
| Lead       | 206-1 | 1400     | 1333     | 1511     | 1415     | 6.35   | cps   |
| Lead       | 207-1 | 1150     | 1267     | 1195     | 1204     | 4.89   | cps   |
| Lead       | 208-1 | 5489     | 5767     | 5979     | 5745     | 4.27   | cps   |
| Lithium    | 6-1   | 1898099  | 1901009  | 1887613  | 1895573  | 0.37   | cps   |
| Magnesium  | 24-2  | 634762   | 638739   | 637753   | 637084   | 0.33   | cps   |
| Manganese  | 55-2  | 6768     | 6478     | 6518     | 6588     | 2.39   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-13 Instrumnet Name : P7  
 Client Sample ID : DC24741-50-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:36:03 DataFile Name : 082SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1225     | 1367     | 992      | 1195     | 15.85  | cps   |
| Molybdenum | 95-1  | 1525     | 1133     | 1408     | 1356     | 14.84  | cps   |
| Molybdenum | 96-1  | 1692     | 1634     | 1709     | 1678     | 2.35   | cps   |
| Molybdenum | 97-1  | 900      | 1042     | 1008     | 983      | 7.53   | cps   |
| Molybdenum | 98-1  | 2434     | 2609     | 2250     | 2431     | 7.37   | cps   |
| Neodymium  | 150-1 | 27       | 0        | 20       | 16       | 89.22  | cps   |
| Neodymium  | 150-2 | 3        | 13       | 13       | 10       | 57.75  | cps   |
| Nickel     | 60-2  | 1560     | 1770     | 1763     | 1698     | 7.03   | cps   |
| Phosphorus | 31-2  | 21908    | 21499    | 21525    | 21644    | 1.06   | cps   |
| Potassium  | 39-2  | 266087   | 265675   | 265934   | 265899   | 0.08   | cps   |
| Rhodium    | 103-1 | 12439202 | 12357435 | 12478767 | 12425135 | 0.50   | cps   |
| Rhodium    | 103-2 | 6167534  | 6191033  | 6102547  | 6153705  | 0.74   | cps   |
| Scandium   | 45-1  | 7904070  | 8185188  | 8287748  | 8125669  | 2.44   | cps   |
| Scandium   | 45-2  | 421445   | 433173   | 429621   | 428080   | 1.40   | cps   |
| Selenium   | 77-2  | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 117      | 96       | 89       | 101      | 14.30  | cps   |
| Selenium   | 82-1  | 58       | -43      | 33       | 16       | 329.86 | cps   |
| Silicon    | 28-1  | 12113099 | 12155954 | 12142878 | 12137310 | 0.18   | cps   |
| Silver     | 109-1 | 487929   | 485126   | 480240   | 484432   | 0.80   | cps   |
| Silver     | 107-1 | 509152   | 502252   | 506945   | 506116   | 0.70   | cps   |
| Sodium     | 23-2  | 9085607  | 9139279  | 9068409  | 9097765  | 0.41   | cps   |
| Strontium  | 86-1  | 99578    | 98378    | 100181   | 99379    | 0.92   | cps   |
| Strontium  | 88-1  | 856237   | 859575   | 861246   | 859019   | 0.30   | cps   |
| Sulfur     | 34-1  | 533835   | 531182   | 534130   | 533049   | 0.30   | cps   |
| Terbium    | 159-1 | 17601159 | 17655664 | 17786703 | 17681175 | 0.54   | cps   |
| Terbium    | 159-2 | 8944340  | 9215204  | 9111255  | 9090266  | 1.50   | cps   |
| Thallium   | 203-1 | 333      | 375      | 375      | 361      | 6.66   | cps   |
| Thallium   | 205-1 | 725      | 700      | 892      | 772      | 13.49  | cps   |
| Tin        | 118-1 | 833      | 950      | 750      | 845      | 11.90  | cps   |
| Titanium   | 47-1  | 2050     | 2325     | 2509     | 2295     | 10.06  | cps   |
| Uranium    | 238-1 | 500      | 533      | 500      | 511      | 3.77   | cps   |
| Vanadium   | 51-2  | 4381     | 4301     | 4137     | 4273     | 2.90   | cps   |
| Yttrium    | 89-1  | 13315344 | 13582441 | 13556368 | 13484717 | 1.09   | cps   |
| Yttrium    | 89-2  | 2150929  | 2153770  | 2157815  | 2154171  | 0.16   | cps   |
| Zinc       | 66-2  | 13503    | 13890    | 13730    | 13708    | 1.42   | cps   |
| Zirconium  | 90-1  | 1342     | 1150     | 1392     | 1295     | 9.86   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-13              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-50-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:36:03   | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 350  | 258  | 281     | 21.89  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-14 Instrumnet Name : P7  
 Client Sample ID : DC24741-51-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:39:27 DataFile Name : 083SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 46398    | 45747    | 46699    | 46281    | 1.05   | cps   |
| Antimony   | 121-1 | 917      | 967      | 950      | 945      | 2.70   | cps   |
| Arsenic    | 75-2  | 185      | 200      | 159      | 181      | 11.36  | cps   |
| Barium     | 135-1 | 4042     | 4226     | 4101     | 4123     | 2.27   | cps   |
| Barium     | 137-1 | 7728     | 7494     | 7928     | 7716     | 2.81   | cps   |
| Beryllium  | 9-1   | 61       | 111      | 67       | 80       | 34.41  | cps   |
| Bismuth    | 209-1 | 11450884 | 11465686 | 11429685 | 11448752 | 0.16   | cps   |
| Bismuth    | 209-2 | 7140787  | 7215924  | 7159035  | 7171915  | 0.55   | cps   |
| Boron      | 10-1  | 33346    | 32386    | 33363    | 33032    | 1.69   | cps   |
| Boron      | 11-1  | 164951   | 170130   | 166322   | 167134   | 1.61   | cps   |
| Cadmium    | 111-1 | 2282     | 2250     | 2488     | 2340     | 5.51   | cps   |
| Cadmium    | 106-1 | 3267     | 3201     | 3559     | 3342     | 5.70   | cps   |
| Cadmium    | 108-1 | 13       | 4        | 17       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 305701   | 304272   | 301681   | 303885   | 0.67   | cps   |
| Calcium    | 44-1  | 5076144  | 5168001  | 5109131  | 5117759  | 0.91   | cps   |
| Chromium   | 52-2  | 2487     | 2437     | 2344     | 2422     | 3.00   | cps   |
| Cobalt     | 59-2  | 313      | 297      | 303      | 304      | 2.76   | cps   |
| Copper     | 63-2  | 10280    | 9847     | 9770     | 9966     | 2.76   | cps   |
| Dysprosium | 156-1 | 25       | 58       | 92       | 58       | 57.14  | cps   |
| Dysprosium | 156-2 | 40       | 30       | 20       | 30       | 33.33  | cps   |
| Erbium     | 164-1 | 75       | 92       | 150      | 106      | 37.31  | cps   |
| Erbium     | 164-2 | 50       | 53       | 57       | 53       | 6.25   | cps   |
| Gadolinium | 160-1 | 150      | 125      | 200      | 158      | 24.12  | cps   |
| Gadolinium | 160-2 | 197      | 153      | 173      | 174      | 12.43  | cps   |
| Holmium    | 165-1 | 17294484 | 17589584 | 17408741 | 17430936 | 0.85   | cps   |
| Holmium    | 165-2 | 9113780  | 9228660  | 9105224  | 9149221  | 0.75   | cps   |
| Indium     | 115-1 | 13459062 | 13392113 | 13204731 | 13351969 | 0.99   | cps   |
| Indium     | 115-2 | 2771230  | 2789397  | 2785401  | 2782009  | 0.34   | cps   |
| Iron       | 56-2  | 22497    | 22601    | 22167    | 22422    | 1.01   | cps   |
| Iron       | 57-2  | 1422     | 1089     | 1595     | 1369     | 18.78  | cps   |
| Lead       | 206-1 | 1406     | 1450     | 1411     | 1422     | 1.70   | cps   |
| Lead       | 207-1 | 1211     | 1111     | 1250     | 1191     | 6.02   | cps   |
| Lead       | 208-1 | 5467     | 5528     | 5590     | 5528     | 1.11   | cps   |
| Lithium    | 6-1   | 1905689  | 1896559  | 1887565  | 1896604  | 0.48   | cps   |
| Magnesium  | 24-2  | 647561   | 653299   | 649560   | 650140   | 0.45   | cps   |
| Manganese  | 55-2  | 6298     | 6108     | 6198     | 6201     | 1.53   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-14 Instrumnet Name : P7  
 Client Sample ID : DC24741-51-FL1-KI-W1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:39:27 DataFile Name : 083SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 1350     | 1208     | 1250     | 1270     | 5.74    | cps   |
| Molybdenum | 95-1  | 1475     | 1659     | 1308     | 1481     | 11.82   | cps   |
| Molybdenum | 96-1  | 1458     | 1684     | 1517     | 1553     | 7.52    | cps   |
| Molybdenum | 97-1  | 1017     | 1000     | 933      | 983      | 4.48    | cps   |
| Molybdenum | 98-1  | 2625     | 2375     | 2542     | 2514     | 5.06    | cps   |
| Neodymium  | 150-1 | 40       | 13       | 27       | 27       | 50.01   | cps   |
| Neodymium  | 150-2 | 20       | 17       | 17       | 18       | 10.81   | cps   |
| Nickel     | 60-2  | 1753     | 1713     | 1710     | 1726     | 1.40    | cps   |
| Phosphorus | 31-2  | 22309    | 22418    | 22710    | 22479    | 0.92    | cps   |
| Potassium  | 39-2  | 267947   | 272134   | 268682   | 269588   | 0.83    | cps   |
| Rhodium    | 103-1 | 12552572 | 12612503 | 12529518 | 12564864 | 0.34    | cps   |
| Rhodium    | 103-2 | 6198922  | 6206034  | 6208804  | 6204587  | 0.08    | cps   |
| Scandium   | 45-1  | 8342315  | 8367589  | 8396901  | 8368935  | 0.33    | cps   |
| Scandium   | 45-2  | 429943   | 435962   | 434742   | 433549   | 0.73    | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 117      | 113      | 100      | 110      | 7.97    | cps   |
| Selenium   | 82-1  | 68       | -54      | 2        | 5        | 1168.53 | cps   |
| Silicon    | 28-1  | 12775225 | 12661339 | 12617571 | 12684712 | 0.64    | cps   |
| Silver     | 109-1 | 505728   | 512094   | 509827   | 509216   | 0.63    | cps   |
| Silver     | 107-1 | 537857   | 531121   | 529199   | 532726   | 0.85    | cps   |
| Sodium     | 23-2  | 9205254  | 9276206  | 9322132  | 9267864  | 0.64    | cps   |
| Strontium  | 86-1  | 101450   | 101676   | 100358   | 101161   | 0.70    | cps   |
| Strontium  | 88-1  | 878881   | 877471   | 876176   | 877509   | 0.15    | cps   |
| Sulfur     | 34-1  | 534771   | 537531   | 537095   | 536466   | 0.28    | cps   |
| Terbium    | 159-1 | 17762842 | 17845218 | 17728408 | 17778823 | 0.34    | cps   |
| Terbium    | 159-2 | 9085610  | 9119131  | 9181434  | 9128725  | 0.53    | cps   |
| Thallium   | 203-1 | 433      | 400      | 292      | 375      | 19.75   | cps   |
| Thallium   | 205-1 | 875      | 875      | 875      | 875      | 0.00    | cps   |
| Tin        | 118-1 | 492      | 592      | 508      | 531      | 10.10   | cps   |
| Titanium   | 47-1  | 2034     | 2209     | 2200     | 2147     | 4.60    | cps   |
| Uranium    | 238-1 | 567      | 567      | 550      | 561      | 1.72    | cps   |
| Vanadium   | 51-2  | 4244     | 4257     | 4274     | 4258     | 0.35    | cps   |
| Yttrium    | 89-1  | 13649097 | 13629452 | 13509494 | 13596014 | 0.56    | cps   |
| Yttrium    | 89-2  | 2147245  | 2175168  | 2179256  | 2167223  | 0.80    | cps   |
| Zinc       | 66-2  | 14237    | 14447    | 14050    | 14245    | 1.39    | cps   |
| Zirconium  | 90-1  | 1192     | 992      | 1225     | 1136     | 11.11   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-14              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-51-FL1-KI-W1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:39:27   | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 217  | 317  | 222     | 41.31  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-15              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-52-FL1-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:42:51   | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2200     | 2259     | 3010     | 2490     | 18.15  | cps   |
| Antimony   | 121-1 | 650      | 658      | 792      | 700      | 11.36  | cps   |
| Arsenic    | 75-2  | 207      | 250      | 230      | 229      | 9.30   | cps   |
| Barium     | 135-1 | 68151    | 67774    | 65747    | 67224    | 1.92   | cps   |
| Barium     | 137-1 | 117931   | 118258   | 116905   | 117698   | 0.60   | cps   |
| Beryllium  | 9-1   | 33       | 39       | 33       | 35       | 9.12   | cps   |
| Bismuth    | 209-1 | 11738129 | 11694006 | 11490504 | 11640880 | 1.13   | cps   |
| Bismuth    | 209-2 | 6971268  | 7104057  | 7164866  | 7080064  | 1.40   | cps   |
| Boron      | 10-1  | 3459     | 3325     | 3534     | 3439     | 3.07   | cps   |
| Boron      | 11-1  | 18020    | 17077    | 16593    | 17230    | 4.21   | cps   |
| Cadmium    | 111-1 | 2548     | 2555     | 2447     | 2517     | 2.40   | cps   |
| Cadmium    | 106-1 | 3601     | 3634     | 3376     | 3537     | 3.97   | cps   |
| Cadmium    | 108-1 | 21       | 25       | 17       | 21       | 19.99  | cps   |
| Calcium    | 43-1  | 270389   | 272049   | 270510   | 270983   | 0.34   | cps   |
| Calcium    | 44-1  | 4422452  | 4472724  | 4418336  | 4437837  | 0.68   | cps   |
| Chromium   | 52-2  | 2137     | 2254     | 2287     | 2226     | 3.54   | cps   |
| Cobalt     | 59-2  | 233      | 260      | 293      | 262      | 11.46  | cps   |
| Copper     | 63-2  | 1478957  | 1481157  | 1476662  | 1478925  | 0.15   | cps   |
| Dysprosium | 156-1 | 67       | 75       | 100      | 81       | 21.54  | cps   |
| Dysprosium | 156-2 | 73       | 43       | 63       | 60       | 25.46  | cps   |
| Erbium     | 164-1 | 208      | 192      | 142      | 181      | 19.22  | cps   |
| Erbium     | 164-2 | 50       | 60       | 70       | 60       | 16.67  | cps   |
| Gadolinium | 160-1 | 167      | 175      | 175      | 172      | 2.80   | cps   |
| Gadolinium | 160-2 | 167      | 160      | 153      | 160      | 4.17   | cps   |
| Holmium    | 165-1 | 17628837 | 17638031 | 17396360 | 17554409 | 0.78   | cps   |
| Holmium    | 165-2 | 9079113  | 9117136  | 9100638  | 9098963  | 0.21   | cps   |
| Indium     | 115-1 | 13595099 | 13418301 | 13474474 | 13495958 | 0.67   | cps   |
| Indium     | 115-2 | 2762966  | 2821632  | 2788136  | 2790911  | 1.05   | cps   |
| Iron       | 56-2  | 112681   | 113063   | 113275   | 113006   | 0.27   | cps   |
| Iron       | 57-2  | 3495     | 3323     | 3378     | 3399     | 2.59   | cps   |
| Lead       | 206-1 | 2862     | 2700     | 2834     | 2799     | 3.08   | cps   |
| Lead       | 207-1 | 2373     | 2250     | 2473     | 2365     | 4.71   | cps   |
| Lead       | 208-1 | 10646    | 10419    | 10680    | 10582    | 1.34   | cps   |
| Lithium    | 6-1   | 1909745  | 1887452  | 1891669  | 1896289  | 0.62   | cps   |
| Magnesium  | 24-2  | 530084   | 522929   | 527978   | 526997   | 0.70   | cps   |
| Manganese  | 55-2  | 43461    | 43033    | 43277    | 43257    | 0.50   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-15 Instrumnet Name : P7  
 Client Sample ID : DC24741-52-FL1-H-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:42:51 DataFile Name : 084SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 833      | 800      | 717      | 783      | 7.67   | cps   |
| Molybdenum | 95-1  | 283      | 317      | 250      | 283      | 11.76  | cps   |
| Molybdenum | 96-1  | 467      | 408      | 467      | 447      | 7.53   | cps   |
| Molybdenum | 97-1  | 275      | 258      | 267      | 267      | 3.13   | cps   |
| Molybdenum | 98-1  | 525      | 442      | 542      | 503      | 10.66  | cps   |
| Neodymium  | 150-1 | 73       | 73       | 100      | 82       | 18.72  | cps   |
| Neodymium  | 150-2 | 20       | 3        | 57       | 27       | 102.33 | cps   |
| Nickel     | 60-2  | 1633     | 1407     | 1477     | 1506     | 7.71   | cps   |
| Phosphorus | 31-2  | 7327     | 7544     | 6902     | 7258     | 4.50   | cps   |
| Potassium  | 39-2  | 258573   | 265247   | 261828   | 261882   | 1.27   | cps   |
| Rhodium    | 103-1 | 12944631 | 12620223 | 12538719 | 12701191 | 1.69   | cps   |
| Rhodium    | 103-2 | 6166751  | 6254102  | 6205377  | 6208743  | 0.71   | cps   |
| Scandium   | 45-1  | 8541240  | 8643122  | 8420661  | 8535008  | 1.30   | cps   |
| Scandium   | 45-2  | 427274   | 437545   | 432030   | 432283   | 1.19   | cps   |
| Selenium   | 77-2  | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Selenium   | 78-2  | 115      | 98       | 128      | 114      | 13.08  | cps   |
| Selenium   | 82-1  | -42      | 54       | 113      | 42       | 188.47 | cps   |
| Silicon    | 28-1  | 9373208  | 9329973  | 9282157  | 9328446  | 0.49   | cps   |
| Silver     | 109-1 | 142      | 200      | 200      | 181      | 18.65  | cps   |
| Silver     | 107-1 | 283      | 358      | 325      | 322      | 11.66  | cps   |
| Sodium     | 23-2  | 8575421  | 8582113  | 8547929  | 8568488  | 0.21   | cps   |
| Strontium  | 86-1  | 95617    | 95189    | 96322    | 95710    | 0.60   | cps   |
| Strontium  | 88-1  | 846201   | 838143   | 836017   | 840120   | 0.64   | cps   |
| Sulfur     | 34-1  | 538300   | 536550   | 533130   | 535994   | 0.49   | cps   |
| Terbium    | 159-1 | 18230679 | 18022599 | 17898332 | 18050537 | 0.93   | cps   |
| Terbium    | 159-2 | 9100235  | 9227887  | 9043804  | 9123975  | 1.03   | cps   |
| Thallium   | 203-1 | 417      | 317      | 283      | 339      | 20.47  | cps   |
| Thallium   | 205-1 | 992      | 750      | 733      | 825      | 17.53  | cps   |
| Tin        | 118-1 | 917      | 983      | 925      | 942      | 3.86   | cps   |
| Titanium   | 47-1  | 1008     | 1142     | 1050     | 1067     | 6.39   | cps   |
| Uranium    | 238-1 | 750      | 717      | 750      | 739      | 2.61   | cps   |
| Vanadium   | 51-2  | 273      | 247      | 223      | 248      | 10.10  | cps   |
| Yttrium    | 89-1  | 13879176 | 13817958 | 13755583 | 13817573 | 0.45   | cps   |
| Yttrium    | 89-2  | 2166669  | 2202670  | 2176746  | 2182028  | 0.85   | cps   |
| Zinc       | 66-2  | 37141    | 35995    | 36706    | 36614    | 1.58   | cps   |
| Zirconium  | 90-1  | 1642     | 1600     | 1550     | 1597     | 2.87   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-15              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-52-FL1-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:42:51   | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 308  | 242  | 269     | 12.88  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-16 Instrumnet Name : P7  
 Client Sample ID : DC24741-53-FL1-H-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 20:46:15 DataFile Name : 085SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 7786     | 9294     | 8103     | 8394     | 9.47   | cps   |
| Antimony   | 121-1 | 733      | 1058     | 725      | 839      | 22.66  | cps   |
| Arsenic    | 75-2  | 170      | 169      | 193      | 177      | 7.56   | cps   |
| Barium     | 135-1 | 70957    | 68645    | 68779    | 69460    | 1.87   | cps   |
| Barium     | 137-1 | 119208   | 120461   | 119527   | 119732   | 0.54   | cps   |
| Beryllium  | 9-1   | 39       | 44       | 56       | 46       | 18.33  | cps   |
| Bismuth    | 209-1 | 11661875 | 11668521 | 11292112 | 11540836 | 1.87   | cps   |
| Bismuth    | 209-2 | 7309914  | 7161832  | 7171162  | 7214303  | 1.15   | cps   |
| Boron      | 10-1  | 2392     | 2359     | 2467     | 2406     | 2.31   | cps   |
| Boron      | 11-1  | 12472    | 12406    | 12973    | 12617    | 2.46   | cps   |
| Cadmium    | 111-1 | 2504     | 2583     | 2046     | 2378     | 12.20  | cps   |
| Cadmium    | 106-1 | 3559     | 3626     | 2875     | 3353     | 12.38  | cps   |
| Cadmium    | 108-1 | 42       | 13       | 13       | 22       | 75.78  | cps   |
| Calcium    | 43-1  | 272704   | 270031   | 271103   | 271279   | 0.50   | cps   |
| Calcium    | 44-1  | 4487766  | 4468333  | 4484562  | 4480220  | 0.23   | cps   |
| Chromium   | 52-2  | 2224     | 2187     | 2410     | 2274     | 5.27   | cps   |
| Cobalt     | 59-2  | 257      | 240      | 230      | 242      | 5.56   | cps   |
| Copper     | 63-2  | 1560868  | 1574231  | 1549711  | 1561603  | 0.79   | cps   |
| Dysprosium | 156-1 | 150      | 175      | 142      | 156      | 11.15  | cps   |
| Dysprosium | 156-2 | 93       | 60       | 67       | 73       | 24.06  | cps   |
| Erbium     | 164-1 | 192      | 175      | 267      | 211      | 23.13  | cps   |
| Erbium     | 164-2 | 100      | 127      | 100      | 109      | 14.14  | cps   |
| Gadolinium | 160-1 | 308      | 225      | 217      | 250      | 20.28  | cps   |
| Gadolinium | 160-2 | 223      | 237      | 193      | 218      | 10.19  | cps   |
| Holmium    | 165-1 | 17616557 | 17353571 | 17338654 | 17436261 | 0.90   | cps   |
| Holmium    | 165-2 | 9205224  | 9059760  | 9098627  | 9121204  | 0.83   | cps   |
| Indium     | 115-1 | 13408927 | 13477570 | 13207057 | 13364518 | 1.05   | cps   |
| Indium     | 115-2 | 2787146  | 2799251  | 2785345  | 2790581  | 0.27   | cps   |
| Iron       | 56-2  | 124577   | 124587   | 124828   | 124664   | 0.11   | cps   |
| Iron       | 57-2  | 3828     | 3923     | 3645     | 3799     | 3.72   | cps   |
| Lead       | 206-1 | 3873     | 3484     | 3778     | 3712     | 5.47   | cps   |
| Lead       | 207-1 | 2839     | 3106     | 3295     | 3080     | 7.43   | cps   |
| Lead       | 208-1 | 14303    | 14059    | 14943    | 14435    | 3.16   | cps   |
| Lithium    | 6-1   | 1899704  | 1883290  | 1860447  | 1881147  | 1.05   | cps   |
| Magnesium  | 24-2  | 527607   | 536969   | 537578   | 534051   | 1.05   | cps   |
| Manganese  | 55-2  | 51557    | 51085    | 50831    | 51158    | 0.72   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-16              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-53-FL1-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:46:15   | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 833      | 1075     | 1351     | 1086     | 23.82  | cps   |
| Molybdenum | 95-1  | 300      | 225      | 358      | 294      | 22.70  | cps   |
| Molybdenum | 96-1  | 492      | 692      | 517      | 567      | 19.23  | cps   |
| Molybdenum | 97-1  | 292      | 283      | 167      | 247      | 28.27  | cps   |
| Molybdenum | 98-1  | 583      | 483      | 492      | 519      | 10.68  | cps   |
| Neodymium  | 150-1 | 200      | 120      | 193      | 171      | 25.94  | cps   |
| Neodymium  | 150-2 | 63       | 73       | 57       | 64       | 13.01  | cps   |
| Nickel     | 60-2  | 1583     | 1510     | 1593     | 1562     | 2.91   | cps   |
| Phosphorus | 31-2  | 7869     | 7777     | 7477     | 7708     | 2.66   | cps   |
| Potassium  | 39-2  | 261227   | 263168   | 261907   | 262101   | 0.38   | cps   |
| Rhodium    | 103-1 | 12717051 | 12563516 | 12366332 | 12548966 | 1.40   | cps   |
| Rhodium    | 103-2 | 6258599  | 6172671  | 6204732  | 6212000  | 0.70   | cps   |
| Scandium   | 45-1  | 8465516  | 8288385  | 8428811  | 8394237  | 1.11   | cps   |
| Scandium   | 45-2  | 433171   | 437303   | 433139   | 434538   | 0.55   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 115      | 89       | 80       | 94       | 19.31  | cps   |
| Selenium   | 82-1  | 113      | 37       | 42       | 64       | 66.44  | cps   |
| Silicon    | 28-1  | 9974146  | 9825796  | 10108702 | 9969548  | 1.42   | cps   |
| Silver     | 109-1 | 183      | 258      | 250      | 231      | 17.83  | cps   |
| Silver     | 107-1 | 258      | 308      | 317      | 294      | 10.72  | cps   |
| Sodium     | 23-2  | 8515623  | 8488772  | 8413042  | 8472479  | 0.63   | cps   |
| Strontium  | 86-1  | 95995    | 97698    | 95039    | 96244    | 1.40   | cps   |
| Strontium  | 88-1  | 845799   | 839140   | 839445   | 841461   | 0.45   | cps   |
| Sulfur     | 34-1  | 524093   | 528905   | 529686   | 527561   | 0.57   | cps   |
| Terbium    | 159-1 | 18020699 | 17951468 | 17850576 | 17940914 | 0.48   | cps   |
| Terbium    | 159-2 | 9175289  | 9165603  | 9105698  | 9148864  | 0.41   | cps   |
| Thallium   | 203-1 | 400      | 300      | 283      | 328      | 19.25  | cps   |
| Thallium   | 205-1 | 775      | 742      | 725      | 747      | 3.41   | cps   |
| Tin        | 118-1 | 892      | 1042     | 800      | 911      | 13.39  | cps   |
| Titanium   | 47-1  | 3726     | 3834     | 3667     | 3742     | 2.26   | cps   |
| Uranium    | 238-1 | 800      | 1050     | 992      | 947      | 13.81  | cps   |
| Vanadium   | 51-2  | 343      | 370      | 387      | 367      | 5.96   | cps   |
| Yttrium    | 89-1  | 13748058 | 13749900 | 13453145 | 13650368 | 1.25   | cps   |
| Yttrium    | 89-2  | 2180114  | 2184322  | 2168757  | 2177731  | 0.37   | cps   |
| Zinc       | 66-2  | 46129    | 46765    | 46467    | 46454    | 0.68   | cps   |
| Zirconium  | 90-1  | 2600     | 2217     | 2209     | 2342     | 9.56   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-16              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-53-FL1-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:46:15   | DataFile Name :   | 085SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1556 | 500  | 600  | 885     | 65.85  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-17              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-54-FL1-CL204I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:49:40   | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1584     | 1533     | 1909     | 1675     | 12.16  | cps   |
| Antimony   | 121-1 | 1342     | 1283     | 1558     | 1395     | 10.39  | cps   |
| Arsenic    | 75-2  | 194      | 226      | 213      | 211      | 7.49   | cps   |
| Barium     | 135-1 | 73117    | 75095    | 71903    | 73372    | 2.20   | cps   |
| Barium     | 137-1 | 128943   | 129525   | 128901   | 129123   | 0.27   | cps   |
| Beryllium  | 9-1   | 50       | 39       | 33       | 41       | 20.83  | cps   |
| Bismuth    | 209-1 | 10850776 | 10979715 | 11406725 | 11079072 | 2.63   | cps   |
| Bismuth    | 209-2 | 6967819  | 7040124  | 7046009  | 7017984  | 0.62   | cps   |
| Boron      | 10-1  | 1884     | 1942     | 2100     | 1975     | 5.68   | cps   |
| Boron      | 11-1  | 11063    | 10587    | 10946    | 10865    | 2.28   | cps   |
| Cadmium    | 111-1 | 2321     | 2455     | 2253     | 2343     | 4.37   | cps   |
| Cadmium    | 106-1 | 3234     | 3434     | 3150     | 3273     | 4.45   | cps   |
| Cadmium    | 108-1 | 38       | 17       | 21       | 25       | 44.09  | cps   |
| Calcium    | 43-1  | 272415   | 264088   | 264741   | 267081   | 1.73   | cps   |
| Calcium    | 44-1  | 4487705  | 4424368  | 4414164  | 4442079  | 0.90   | cps   |
| Chromium   | 52-2  | 1947     | 2190     | 1927     | 2021     | 7.26   | cps   |
| Cobalt     | 59-2  | 340      | 350      | 393      | 361      | 7.85   | cps   |
| Copper     | 63-2  | 819579   | 822737   | 820346   | 820887   | 0.20   | cps   |
| Dysprosium | 156-1 | 58       | 83       | 175      | 106      | 58.19  | cps   |
| Dysprosium | 156-2 | 53       | 50       | 33       | 46       | 23.52  | cps   |
| Erbium     | 164-1 | 208      | 183      | 133      | 175      | 21.82  | cps   |
| Erbium     | 164-2 | 67       | 60       | 87       | 71       | 19.52  | cps   |
| Gadolinium | 160-1 | 150      | 175      | 142      | 156      | 11.15  | cps   |
| Gadolinium | 160-2 | 227      | 197      | 167      | 197      | 15.25  | cps   |
| Holmium    | 165-1 | 16938354 | 17110419 | 17219737 | 17089503 | 0.83   | cps   |
| Holmium    | 165-2 | 9023182  | 9047460  | 8932257  | 9000967  | 0.67   | cps   |
| Indium     | 115-1 | 12651675 | 13199287 | 13131976 | 12994313 | 2.30   | cps   |
| Indium     | 115-2 | 2740803  | 2750916  | 2759168  | 2750296  | 0.33   | cps   |
| Iron       | 56-2  | 96405    | 92490    | 93222    | 94039    | 2.21   | cps   |
| Iron       | 57-2  | 3162     | 3089     | 3289     | 3180     | 3.19   | cps   |
| Lead       | 206-1 | 14981    | 14987    | 14764    | 14911    | 0.85   | cps   |
| Lead       | 207-1 | 13001    | 12979    | 12645    | 12875    | 1.55   | cps   |
| Lead       | 208-1 | 59264    | 59838    | 58647    | 59249    | 1.01   | cps   |
| Lithium    | 6-1   | 1795147  | 1839059  | 1831048  | 1821752  | 1.28   | cps   |
| Magnesium  | 24-2  | 533320   | 530326   | 530640   | 531429   | 0.31   | cps   |
| Manganese  | 55-2  | 42114    | 42913    | 41900    | 42309    | 1.26   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-17              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-54-FL1-CL204I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:49:40   | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 675      | 708      | 650      | 678      | 4.32   | cps   |
| Molybdenum | 95-1  | 275      | 250      | 292      | 272      | 7.70   | cps   |
| Molybdenum | 96-1  | 417      | 433      | 508      | 453      | 10.79  | cps   |
| Molybdenum | 97-1  | 242      | 233      | 250      | 242      | 3.45   | cps   |
| Molybdenum | 98-1  | 475      | 275      | 633      | 461      | 38.94  | cps   |
| Neodymium  | 150-1 | 73       | 67       | 60       | 67       | 10.00  | cps   |
| Neodymium  | 150-2 | 23       | 40       | 27       | 30       | 29.40  | cps   |
| Nickel     | 60-2  | 27923    | 28284    | 28455    | 28221    | 0.96   | cps   |
| Phosphorus | 31-2  | 7227     | 7160     | 7177     | 7188     | 0.48   | cps   |
| Potassium  | 39-2  | 259127   | 260911   | 261000   | 260346   | 0.41   | cps   |
| Rhodium    | 103-1 | 12156039 | 12216757 | 12485846 | 12286214 | 1.43   | cps   |
| Rhodium    | 103-2 | 6085651  | 6115543  | 6093660  | 6098284  | 0.25   | cps   |
| Scandium   | 45-1  | 7932500  | 8362394  | 8310496  | 8201797  | 2.86   | cps   |
| Scandium   | 45-2  | 420204   | 418273   | 423521   | 420666   | 0.63   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 98       | 98       | 122      | 106      | 13.09  | cps   |
| Selenium   | 82-1  | 82       | 77       | -48      | 37       | 198.75 | cps   |
| Silicon    | 28-1  | 9077324  | 8874539  | 8940707  | 8964190  | 1.15   | cps   |
| Silver     | 109-1 | 408      | 525      | 375      | 436      | 18.06  | cps   |
| Silver     | 107-1 | 600      | 400      | 508      | 503      | 19.91  | cps   |
| Sodium     | 23-2  | 8360725  | 8412129  | 8467355  | 8413403  | 0.63   | cps   |
| Strontium  | 86-1  | 100391   | 96793    | 97085    | 98089    | 2.04   | cps   |
| Strontium  | 88-1  | 859707   | 853493   | 850010   | 854403   | 0.57   | cps   |
| Sulfur     | 34-1  | 519365   | 513766   | 521096   | 518075   | 0.74   | cps   |
| Terbium    | 159-1 | 17298152 | 17731976 | 17712391 | 17580840 | 1.39   | cps   |
| Terbium    | 159-2 | 8958652  | 9010723  | 8985832  | 8985069  | 0.29   | cps   |
| Thallium   | 203-1 | 342      | 358      | 325      | 342      | 4.88   | cps   |
| Thallium   | 205-1 | 775      | 900      | 583      | 753      | 21.19  | cps   |
| Tin        | 118-1 | 633      | 717      | 858      | 736      | 15.45  | cps   |
| Titanium   | 47-1  | 1017     | 1058     | 958      | 1011     | 4.97   | cps   |
| Uranium    | 238-1 | 750      | 717      | 658      | 708      | 6.55   | cps   |
| Vanadium   | 51-2  | 297      | 240      | 190      | 242      | 22.03  | cps   |
| Yttrium    | 89-1  | 13216560 | 13396335 | 13403478 | 13338791 | 0.79   | cps   |
| Yttrium    | 89-2  | 2149574  | 2146226  | 2156748  | 2150850  | 0.25   | cps   |
| Zinc       | 66-2  | 128355   | 128852   | 128896   | 128701   | 0.23   | cps   |
| Zirconium  | 90-1  | 1383     | 1433     | 1342     | 1386     | 3.31   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-17              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-54-FL1-CL204I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:49:40   | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 292  | 267  | 289     | 7.26   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-18              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-55-FL1-CL204I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:53:04   | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1467     | 1467     | 1542     | 1492     | 2.90   | cps   |
| Antimony   | 121-1 | 900      | 833      | 900      | 878      | 4.39   | cps   |
| Arsenic    | 75-2  | 183      | 163      | 204      | 183      | 11.11  | cps   |
| Barium     | 135-1 | 68628    | 67105    | 66409    | 67381    | 1.68   | cps   |
| Barium     | 137-1 | 117150   | 117100   | 117729   | 117326   | 0.30   | cps   |
| Beryllium  | 9-1   | 50       | 28       | 33       | 37       | 31.22  | cps   |
| Bismuth    | 209-1 | 11291743 | 11276547 | 11257707 | 11275333 | 0.15   | cps   |
| Bismuth    | 209-2 | 7077999  | 7055494  | 7003412  | 7045635  | 0.54   | cps   |
| Boron      | 10-1  | 2092     | 1900     | 2009     | 2000     | 4.81   | cps   |
| Boron      | 11-1  | 9403     | 10037    | 9920     | 9787     | 3.45   | cps   |
| Cadmium    | 111-1 | 2432     | 2134     | 2367     | 2311     | 6.77   | cps   |
| Cadmium    | 106-1 | 3426     | 3034     | 3359     | 3273     | 6.41   | cps   |
| Cadmium    | 108-1 | 29       | 21       | 25       | 25       | 16.68  | cps   |
| Calcium    | 43-1  | 260336   | 257108   | 255995   | 257813   | 0.87   | cps   |
| Calcium    | 44-1  | 4277237  | 4257542  | 4248921  | 4261233  | 0.34   | cps   |
| Chromium   | 52-2  | 1957     | 1830     | 2030     | 1939     | 5.22   | cps   |
| Cobalt     | 59-2  | 210      | 283      | 193      | 229      | 20.92  | cps   |
| Copper     | 63-2  | 371543   | 376308   | 377191   | 375014   | 0.81   | cps   |
| Dysprosium | 156-1 | 92       | 67       | 100      | 86       | 20.14  | cps   |
| Dysprosium | 156-2 | 47       | 73       | 70       | 63       | 22.94  | cps   |
| Erbium     | 164-1 | 108      | 133      | 233      | 158      | 41.78  | cps   |
| Erbium     | 164-2 | 67       | 87       | 70       | 74       | 14.39  | cps   |
| Gadolinium | 160-1 | 192      | 258      | 192      | 214      | 18.00  | cps   |
| Gadolinium | 160-2 | 197      | 203      | 153      | 184      | 14.72  | cps   |
| Holmium    | 165-1 | 17304238 | 17024606 | 16914434 | 17081093 | 1.18   | cps   |
| Holmium    | 165-2 | 9002669  | 9018759  | 9106794  | 9042741  | 0.62   | cps   |
| Indium     | 115-1 | 13012793 | 13065730 | 13003780 | 13027434 | 0.26   | cps   |
| Indium     | 115-2 | 2740282  | 2754783  | 2788321  | 2761129  | 0.89   | cps   |
| Iron       | 56-2  | 117841   | 119126   | 114837   | 117268   | 1.88   | cps   |
| Iron       | 57-2  | 3323     | 3267     | 3517     | 3369     | 3.90   | cps   |
| Lead       | 206-1 | 2956     | 2861     | 2895     | 2904     | 1.65   | cps   |
| Lead       | 207-1 | 2267     | 2395     | 2545     | 2402     | 5.79   | cps   |
| Lead       | 208-1 | 11291    | 10680    | 11358    | 11110    | 3.36   | cps   |
| Lithium    | 6-1   | 1814412  | 1822894  | 1794812  | 1810706  | 0.80   | cps   |
| Magnesium  | 24-2  | 507099   | 514307   | 515492   | 512299   | 0.89   | cps   |
| Manganese  | 55-2  | 42498    | 42511    | 42331    | 42447    | 0.24   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-18              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-55-FL1-CL204I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:53:04   | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 858      | 750      | 750      | 786      | 7.96   | cps   |
| Molybdenum | 95-1  | 275      | 283      | 317      | 292      | 7.56   | cps   |
| Molybdenum | 96-1  | 458      | 433      | 408      | 433      | 5.77   | cps   |
| Molybdenum | 97-1  | 333      | 325      | 358      | 339      | 5.12   | cps   |
| Molybdenum | 98-1  | 508      | 525      | 533      | 522      | 2.44   | cps   |
| Neodymium  | 150-1 | 73       | 107      | 60       | 80       | 30.05  | cps   |
| Neodymium  | 150-2 | 43       | 30       | 40       | 38       | 18.36  | cps   |
| Nickel     | 60-2  | 1203     | 1430     | 1247     | 1293     | 9.30   | cps   |
| Phosphorus | 31-2  | 7085     | 6994     | 7836     | 7305     | 6.32   | cps   |
| Potassium  | 39-2  | 257707   | 260549   | 261980   | 260078   | 0.84   | cps   |
| Rhodium    | 103-1 | 12365418 | 12297673 | 12106002 | 12256364 | 1.10   | cps   |
| Rhodium    | 103-2 | 6107925  | 6025601  | 6110982  | 6081503  | 0.80   | cps   |
| Scandium   | 45-1  | 8147410  | 8184206  | 8192190  | 8174602  | 0.29   | cps   |
| Scandium   | 45-2  | 425699   | 428929   | 433236   | 429288   | 0.88   | cps   |
| Selenium   | 77-2  | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 107      | 117      | 96       | 107      | 9.55   | cps   |
| Selenium   | 82-1  | 44       | 104      | -65      | 28       | 307.78 | cps   |
| Silicon    | 28-1  | 8979930  | 8811100  | 8808837  | 8866623  | 1.11   | cps   |
| Silver     | 109-1 | 192      | 233      | 133      | 186      | 26.99  | cps   |
| Silver     | 107-1 | 367      | 225      | 250      | 281      | 26.95  | cps   |
| Sodium     | 23-2  | 8636588  | 8559599  | 8561034  | 8585740  | 0.51   | cps   |
| Strontium  | 86-1  | 93638    | 94795    | 92690    | 93708    | 1.13   | cps   |
| Strontium  | 88-1  | 816114   | 818028   | 804816   | 812986   | 0.88   | cps   |
| Sulfur     | 34-1  | 522315   | 526193   | 518569   | 522359   | 0.73   | cps   |
| Terbium    | 159-1 | 17559346 | 17599833 | 17366963 | 17508714 | 0.71   | cps   |
| Terbium    | 159-2 | 8946142  | 8973380  | 9038689  | 8986070  | 0.53   | cps   |
| Thallium   | 203-1 | 383      | 350      | 292      | 342      | 13.58  | cps   |
| Thallium   | 205-1 | 717      | 942      | 658      | 772      | 19.37  | cps   |
| Tin        | 118-1 | 817      | 858      | 667      | 781      | 12.92  | cps   |
| Titanium   | 47-1  | 1233     | 950      | 925      | 1036     | 16.53  | cps   |
| Uranium    | 238-1 | 642      | 642      | 842      | 708      | 16.30  | cps   |
| Vanadium   | 51-2  | 317      | 293      | 260      | 290      | 9.82   | cps   |
| Yttrium    | 89-1  | 13409729 | 13301970 | 13224809 | 13312170 | 0.70   | cps   |
| Yttrium    | 89-2  | 2135587  | 2148122  | 2159739  | 2147816  | 0.56   | cps   |
| Zinc       | 66-2  | 9523     | 9203     | 9423     | 9383     | 1.75   | cps   |
| Zirconium  | 90-1  | 1642     | 1617     | 1475     | 1578     | 5.70   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-18              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-55-FL1-CL204I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:53:04   | DataFile Name :   | 087SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 225  | 300  | 289     | 20.47  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV71               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV71               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:56:28 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1008     | 808      | 975      | 931      | 11.52  | cps   |
| Antimony   | 121-1 | 158      | 192      | 158      | 169      | 11.36  | cps   |
| Arsenic    | 75-2  | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Barium     | 135-1 | 58       | 58       | 67       | 61       | 7.87   | cps   |
| Barium     | 137-1 | 142      | 158      | 133      | 144      | 8.81   | cps   |
| Beryllium  | 9-1   | 17       | 17       | 6        | 13       | 49.47  | cps   |
| Bismuth    | 209-1 | 10876595 | 11045811 | 10896495 | 10939634 | 0.85   | cps   |
| Bismuth    | 209-2 | 6577217  | 6588235  | 6748604  | 6638019  | 1.45   | cps   |
| Boron      | 10-1  | 750      | 783      | 542      | 692      | 18.94  | cps   |
| Boron      | 11-1  | 3367     | 3651     | 3709     | 3576     | 5.11   | cps   |
| Cadmium    | 111-1 | 2002     | 2208     | 2007     | 2072     | 5.67   | cps   |
| Cadmium    | 106-1 | 2842     | 3159     | 2884     | 2962     | 5.81   | cps   |
| Cadmium    | 108-1 | 13       | 17       | 17       | 15       | 15.76  | cps   |
| Calcium    | 43-1  | 842      | 958      | 942      | 914      | 6.90   | cps   |
| Calcium    | 44-1  | 26926    | 27752    | 27026    | 27234    | 1.66   | cps   |
| Chromium   | 52-2  | 1657     | 1687     | 1807     | 1717     | 4.62   | cps   |
| Cobalt     | 59-2  | 110      | 133      | 117      | 120      | 10.02  | cps   |
| Copper     | 63-2  | 1407     | 1333     | 1437     | 1392     | 3.82   | cps   |
| Dysprosium | 156-1 | 17       | 25       | 25       | 22       | 21.64  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 50       | 100      | 33       | 61       | 56.78  | cps   |
| Erbium     | 164-2 | 33       | 17       | 30       | 27       | 33.06  | cps   |
| Gadolinium | 160-1 | 50       | 92       | 100      | 81       | 33.26  | cps   |
| Gadolinium | 160-2 | 140      | 113      | 160      | 138      | 16.99  | cps   |
| Holmium    | 165-1 | 16291310 | 16410047 | 16209122 | 16303493 | 0.62   | cps   |
| Holmium    | 165-2 | 8564186  | 8672906  | 8720873  | 8652655  | 0.93   | cps   |
| Indium     | 115-1 | 12742597 | 12565520 | 12699401 | 12669173 | 0.73   | cps   |
| Indium     | 115-2 | 2661396  | 2676257  | 2682794  | 2673483  | 0.41   | cps   |
| Iron       | 56-2  | 8047     | 7658     | 7719     | 7808     | 2.68   | cps   |
| Iron       | 57-2  | 372      | 372      | 389      | 378      | 2.55   | cps   |
| Lead       | 206-1 | 7449501  | 7505066  | 7580474  | 7511680  | 0.88   | cps   |
| Lead       | 207-1 | 6732284  | 6863011  | 6811451  | 6802249  | 0.97   | cps   |
| Lead       | 208-1 | 30210405 | 30745574 | 30613144 | 30523041 | 0.91   | cps   |
| Lithium    | 6-1   | 1745091  | 1751300  | 1759457  | 1751950  | 0.41   | cps   |
| Magnesium  | 24-2  | 558      | 550      | 542      | 550      | 1.52   | cps   |
| Manganese  | 55-2  | 540      | 507      | 503      | 517      | 3.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV71               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV71               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:56:28 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 325      | 383      | 383      | 364      | 9.25     | cps   |
| Molybdenum | 95-1  | 175      | 117      | 200      | 164      | 26.09    | cps   |
| Molybdenum | 96-1  | 192      | 225      | 183      | 200      | 11.02    | cps   |
| Molybdenum | 97-1  | 142      | 158      | 183      | 161      | 13.02    | cps   |
| Molybdenum | 98-1  | 233      | 292      | 242      | 256      | 12.35    | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60    | cps   |
| Neodymium  | 150-2 | 7        | 3        | 3        | 4        | 43.40    | cps   |
| Nickel     | 60-2  | 103      | 77       | 100      | 93       | 15.57    | cps   |
| Phosphorus | 31-2  | 183      | 258      | 233      | 225      | 16.97    | cps   |
| Potassium  | 39-2  | 42579    | 41843    | 43264    | 42562    | 1.67     | cps   |
| Rhodium    | 103-1 | 11657300 | 11849412 | 11859768 | 11788826 | 0.97     | cps   |
| Rhodium    | 103-2 | 5883032  | 5891853  | 5919973  | 5898286  | 0.33     | cps   |
| Scandium   | 45-1  | 8073825  | 7944646  | 7887470  | 7968647  | 1.20     | cps   |
| Scandium   | 45-2  | 411160   | 409959   | 421066   | 414062   | 1.47     | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21   | cps   |
| Selenium   | 78-2  | 96       | 100      | 109      | 102      | 6.55     | cps   |
| Selenium   | 82-1  | 112      | -86      | -45      | -6       | -1612.16 | cps   |
| Silicon    | 28-1  | 570685   | 571436   | 576127   | 572749   | 0.51     | cps   |
| Silver     | 109-1 | 175      | 158      | 142      | 158      | 10.53    | cps   |
| Silver     | 107-1 | 167      | 167      | 167      | 167      | 0.00     | cps   |
| Sodium     | 23-2  | 41625    | 40422    | 41567    | 41205    | 1.65     | cps   |
| Strontium  | 86-1  | 1609     | 1583     | 1600     | 1597     | 0.80     | cps   |
| Strontium  | 88-1  | 1258     | 1325     | 1258     | 1281     | 3.01     | cps   |
| Sulfur     | 34-1  | 437903   | 437877   | 439135   | 438305   | 0.16     | cps   |
| Terbium    | 159-1 | 17055804 | 16773456 | 16882269 | 16903843 | 0.84     | cps   |
| Terbium    | 159-2 | 8611090  | 8636357  | 8758764  | 8668737  | 0.91     | cps   |
| Thallium   | 203-1 | 367      | 358      | 308      | 344      | 9.16     | cps   |
| Thallium   | 205-1 | 875      | 950      | 1042     | 956      | 8.74     | cps   |
| Tin        | 118-1 | 1200     | 1133     | 1092     | 1142     | 4.79     | cps   |
| Titanium   | 47-1  | 308      | 217      | 225      | 250      | 20.28    | cps   |
| Uranium    | 238-1 | 317      | 350      | 400      | 356      | 11.80    | cps   |
| Vanadium   | 51-2  | 37       | 47       | 17       | 33       | 45.82    | cps   |
| Yttrium    | 89-1  | 12956008 | 12611702 | 12991654 | 12853121 | 1.63     | cps   |
| Yttrium    | 89-2  | 2075267  | 2079922  | 2093053  | 2082747  | 0.44     | cps   |
| Zinc       | 66-2  | 507      | 450      | 437      | 464      | 8.00     | cps   |
| Zirconium  | 90-1  | 808      | 933      | 1025     | 922      | 11.79    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV71               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV71               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:56:28 | DataFile Name :   | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 100  | 100  | 119     | 28.20  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB71               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB71               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:59:53 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 325      | 275      | 325      | 308      | 9.36   | cps   |
| Antimony   | 121-1 | 75       | 83       | 75       | 78       | 6.19   | cps   |
| Arsenic    | 75-2  | 7        | 9        | 6        | 7        | 24.97  | cps   |
| Barium     | 135-1 | 33       | 25       | 33       | 31       | 15.74  | cps   |
| Barium     | 137-1 | 133      | 50       | 50       | 78       | 61.86  | cps   |
| Beryllium  | 9-1   | 11       | 22       | 22       | 19       | 34.64  | cps   |
| Bismuth    | 209-1 | 11035080 | 10953528 | 11091141 | 11026583 | 0.63   | cps   |
| Bismuth    | 209-2 | 6809278  | 6855848  | 6663068  | 6776064  | 1.48   | cps   |
| Boron      | 10-1  | 567      | 525      | 650      | 581      | 10.96  | cps   |
| Boron      | 11-1  | 2309     | 2517     | 2650     | 2492     | 6.91   | cps   |
| Cadmium    | 111-1 | 2498     | 2256     | 2231     | 2329     | 6.34   | cps   |
| Cadmium    | 106-1 | 3584     | 3242     | 3192     | 3339     | 6.39   | cps   |
| Cadmium    | 108-1 | 21       | 25       | 17       | 21       | 19.99  | cps   |
| Calcium    | 43-1  | 725      | 633      | 517      | 625      | 16.71  | cps   |
| Calcium    | 44-1  | 20431    | 20390    | 20315    | 20379    | 0.29   | cps   |
| Chromium   | 52-2  | 1833     | 1733     | 1710     | 1759     | 3.73   | cps   |
| Cobalt     | 59-2  | 83       | 73       | 103      | 87       | 17.63  | cps   |
| Copper     | 63-2  | 1307     | 1430     | 1250     | 1329     | 6.93   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 17       | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 3        | 10       | 7        | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 58       | 108      | 50       | 72       | 43.68  | cps   |
| Erbium     | 164-2 | 27       | 7        | 13       | 16       | 65.47  | cps   |
| Gadolinium | 160-1 | 117      | 125      | 92       | 111      | 15.61  | cps   |
| Gadolinium | 160-2 | 117      | 147      | 137      | 133      | 11.46  | cps   |
| Holmium    | 165-1 | 16465273 | 16478372 | 16574377 | 16506007 | 0.36   | cps   |
| Holmium    | 165-2 | 8701381  | 8731842  | 8806242  | 8746488  | 0.62   | cps   |
| Indium     | 115-1 | 12708200 | 12616986 | 12714117 | 12679768 | 0.43   | cps   |
| Indium     | 115-2 | 2692014  | 2682330  | 2693937  | 2689427  | 0.23   | cps   |
| Iron       | 56-2  | 5812     | 5523     | 5651     | 5662     | 2.56   | cps   |
| Iron       | 57-2  | 289      | 267      | 339      | 298      | 12.41  | cps   |
| Lead       | 206-1 | 1317     | 1295     | 1139     | 1250     | 7.75   | cps   |
| Lead       | 207-1 | 1100     | 1267     | 1150     | 1172     | 7.30   | cps   |
| Lead       | 208-1 | 5189     | 5278     | 5045     | 5171     | 2.28   | cps   |
| Lithium    | 6-1   | 1796553  | 1788392  | 1780247  | 1788397  | 0.46   | cps   |
| Magnesium  | 24-2  | 467      | 450      | 442      | 453      | 2.81   | cps   |
| Manganese  | 55-2  | 97       | 63       | 57       | 72       | 29.67  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB71               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB71               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:59:53 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 283      | 275      | 292      | 283      | 2.94   | cps   |
| Molybdenum | 95-1  | 25       | 25       | 33       | 28       | 17.31  | cps   |
| Molybdenum | 96-1  | 100      | 100      | 83       | 94       | 10.19  | cps   |
| Molybdenum | 97-1  | 108      | 83       | 58       | 83       | 30.00  | cps   |
| Molybdenum | 98-1  | 58       | 42       | 50       | 50       | 16.67  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Nickel     | 60-2  | 87       | 53       | 93       | 78       | 27.56  | cps   |
| Phosphorus | 31-2  | 208      | 325      | 342      | 292      | 24.91  | cps   |
| Potassium  | 39-2  | 41668    | 41768    | 42587    | 42008    | 1.20   | cps   |
| Rhodium    | 103-1 | 12008870 | 12064010 | 11984944 | 12019274 | 0.34   | cps   |
| Rhodium    | 103-2 | 6007498  | 5909465  | 5946505  | 5954489  | 0.83   | cps   |
| Scandium   | 45-1  | 8182000  | 7997518  | 8082291  | 8087270  | 1.14   | cps   |
| Scandium   | 45-2  | 418938   | 416809   | 419915   | 418554   | 0.38   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 130      | 96       | 96       | 107      | 17.92  | cps   |
| Selenium   | 82-1  | 114      | 38       | 94       | 82       | 47.90  | cps   |
| Silicon    | 28-1  | 552082   | 546720   | 550069   | 549624   | 0.49   | cps   |
| Silver     | 109-1 | 108      | 108      | 100      | 106      | 4.56   | cps   |
| Silver     | 107-1 | 100      | 83       | 117      | 100      | 16.66  | cps   |
| Sodium     | 23-2  | 39595    | 40773    | 40865    | 40411    | 1.75   | cps   |
| Strontium  | 86-1  | 1900     | 1809     | 1675     | 1795     | 6.30   | cps   |
| Strontium  | 88-1  | 1742     | 1700     | 1725     | 1722     | 1.22   | cps   |
| Sulfur     | 34-1  | 440441   | 442021   | 446825   | 443095   | 0.75   | cps   |
| Terbium    | 159-1 | 17031568 | 16947202 | 17244464 | 17074411 | 0.90   | cps   |
| Terbium    | 159-2 | 8776987  | 8790060  | 8782533  | 8783193  | 0.07   | cps   |
| Thallium   | 203-1 | 258      | 208      | 275      | 247      | 14.04  | cps   |
| Thallium   | 205-1 | 558      | 725      | 725      | 669      | 14.37  | cps   |
| Tin        | 118-1 | 1417     | 1425     | 1433     | 1425     | 0.58   | cps   |
| Titanium   | 47-1  | 208      | 200      | 175      | 194      | 8.92   | cps   |
| Uranium    | 238-1 | 108      | 58       | 50       | 72       | 43.68  | cps   |
| Vanadium   | 51-2  | 13       | 27       | 10       | 17       | 52.93  | cps   |
| Yttrium    | 89-1  | 12936666 | 12945456 | 12889166 | 12923763 | 0.23   | cps   |
| Yttrium    | 89-2  | 2084337  | 2081185  | 2084524  | 2083349  | 0.09   | cps   |
| Zinc       | 66-2  | 120      | 143      | 140      | 134      | 9.39   | cps   |
| Zirconium  | 90-1  | 875      | 742      | 725      | 781      | 10.53  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB71               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB71               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 20:59:53 | DataFile Name :   | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 133  | 192  | 181     | 23.68  | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-19 Instrumnet Name : P7  
 Client Sample ID : DC24741-56-FL1-BR204 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:03:19 DataFile Name : 090SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1700     | 1525     | 1475     | 1567     | 7.54   | cps   |
| Antimony   | 121-1 | 825      | 800      | 992      | 872      | 11.95  | cps   |
| Arsenic    | 75-2  | 191      | 198      | 196      | 195      | 1.98   | cps   |
| Barium     | 135-1 | 71526    | 70052    | 70788    | 70789    | 1.04   | cps   |
| Barium     | 137-1 | 123688   | 121562   | 120806   | 122019   | 1.22   | cps   |
| Beryllium  | 9-1   | 39       | 22       | 56       | 39       | 42.86  | cps   |
| Bismuth    | 209-1 | 11602342 | 11586480 | 11531721 | 11573515 | 0.32   | cps   |
| Bismuth    | 209-2 | 7292569  | 7258262  | 7047581  | 7199471  | 1.84   | cps   |
| Boron      | 10-1  | 1708     | 1925     | 1792     | 1809     | 6.04   | cps   |
| Boron      | 11-1  | 8453     | 9145     | 9020     | 8872     | 4.16   | cps   |
| Cadmium    | 111-1 | 2375     | 2534     | 2791     | 2567     | 8.18   | cps   |
| Cadmium    | 106-1 | 3351     | 3601     | 3934     | 3628     | 8.07   | cps   |
| Cadmium    | 108-1 | 29       | 17       | 13       | 19       | 44.61  | cps   |
| Calcium    | 43-1  | 266995   | 267463   | 269586   | 268015   | 0.52   | cps   |
| Calcium    | 44-1  | 4411806  | 4390751  | 4395082  | 4399213  | 0.25   | cps   |
| Chromium   | 52-2  | 1997     | 2020     | 2100     | 2039     | 2.66   | cps   |
| Cobalt     | 59-2  | 237      | 280      | 223      | 247      | 12.01  | cps   |
| Copper     | 63-2  | 1060868  | 1069694  | 1066564  | 1065709  | 0.42   | cps   |
| Dysprosium | 156-1 | 100      | 75       | 75       | 83       | 17.33  | cps   |
| Dysprosium | 156-2 | 53       | 43       | 43       | 47       | 12.37  | cps   |
| Erbium     | 164-1 | 125      | 108      | 133      | 122      | 10.41  | cps   |
| Erbium     | 164-2 | 57       | 60       | 70       | 62       | 11.15  | cps   |
| Gadolinium | 160-1 | 275      | 200      | 192      | 222      | 20.65  | cps   |
| Gadolinium | 160-2 | 217      | 160      | 170      | 182      | 16.60  | cps   |
| Holmium    | 165-1 | 17700856 | 17483308 | 17567146 | 17583770 | 0.62   | cps   |
| Holmium    | 165-2 | 9168499  | 9212894  | 9119157  | 9166850  | 0.51   | cps   |
| Indium     | 115-1 | 13543476 | 13550121 | 13437901 | 13510499 | 0.47   | cps   |
| Indium     | 115-2 | 2806676  | 2812575  | 2777046  | 2798766  | 0.68   | cps   |
| Iron       | 56-2  | 110345   | 110563   | 109685   | 110198   | 0.41   | cps   |
| Iron       | 57-2  | 3484     | 3695     | 3512     | 3564     | 3.22   | cps   |
| Lead       | 206-1 | 12106    | 11555    | 10994    | 11552    | 4.81   | cps   |
| Lead       | 207-1 | 10304    | 9854     | 10138    | 10099    | 2.25   | cps   |
| Lead       | 208-1 | 45987    | 44802    | 44853    | 45214    | 1.48   | cps   |
| Lithium    | 6-1   | 1929024  | 1897075  | 1896658  | 1907586  | 0.97   | cps   |
| Magnesium  | 24-2  | 526821   | 520849   | 526193   | 524621   | 0.63   | cps   |
| Manganese  | 55-2  | 46116    | 46801    | 47236    | 46717    | 1.21   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-56-FL1-BR204 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:03:19  | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 683      | 825      | 792      | 767      | 9.66   | cps   |
| Molybdenum | 95-1  | 292      | 433      | 317      | 347      | 21.78  | cps   |
| Molybdenum | 96-1  | 233      | 333      | 383      | 317      | 24.12  | cps   |
| Molybdenum | 97-1  | 192      | 267      | 267      | 242      | 17.92  | cps   |
| Molybdenum | 98-1  | 567      | 550      | 483      | 533      | 8.27   | cps   |
| Neodymium  | 150-1 | 100      | 67       | 60       | 76       | 28.36  | cps   |
| Neodymium  | 150-2 | 57       | 30       | 33       | 40       | 36.33  | cps   |
| Nickel     | 60-2  | 7395     | 7295     | 7219     | 7303     | 1.21   | cps   |
| Phosphorus | 31-2  | 7636     | 6977     | 7469     | 7360     | 4.65   | cps   |
| Potassium  | 39-2  | 260585   | 260821   | 262906   | 261437   | 0.49   | cps   |
| Rhodium    | 103-1 | 12713385 | 12647720 | 12541701 | 12634269 | 0.69   | cps   |
| Rhodium    | 103-2 | 6252362  | 6258988  | 6228034  | 6246461  | 0.26   | cps   |
| Scandium   | 45-1  | 8374973  | 8356625  | 8534231  | 8421943  | 1.16   | cps   |
| Scandium   | 45-2  | 434829   | 439022   | 437022   | 436957   | 0.48   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 111      | 63       | 78       | 84       | 29.38  | cps   |
| Selenium   | 82-1  | 96       | 167      | 10       | 91       | 86.60  | cps   |
| Silicon    | 28-1  | 9026091  | 9050551  | 9037131  | 9037924  | 0.14   | cps   |
| Silver     | 109-1 | 308      | 267      | 342      | 306      | 12.30  | cps   |
| Silver     | 107-1 | 458      | 350      | 542      | 450      | 21.36  | cps   |
| Sodium     | 23-2  | 8570230  | 8429549  | 8486394  | 8495391  | 0.83   | cps   |
| Strontium  | 86-1  | 98387    | 95273    | 95785    | 96482    | 1.73   | cps   |
| Strontium  | 88-1  | 850085   | 842830   | 838781   | 843899   | 0.68   | cps   |
| Sulfur     | 34-1  | 543591   | 546737   | 539081   | 543136   | 0.71   | cps   |
| Terbium    | 159-1 | 18073415 | 18095200 | 17888920 | 18019178 | 0.63   | cps   |
| Terbium    | 159-2 | 9136842  | 9193589  | 9056664  | 9129032  | 0.75   | cps   |
| Thallium   | 203-1 | 225      | 358      | 308      | 297      | 22.66  | cps   |
| Thallium   | 205-1 | 825      | 817      | 742      | 795      | 5.78   | cps   |
| Tin        | 118-1 | 467      | 567      | 592      | 542      | 12.21  | cps   |
| Titanium   | 47-1  | 900      | 1050     | 867      | 939      | 10.40  | cps   |
| Uranium    | 238-1 | 808      | 717      | 608      | 711      | 14.08  | cps   |
| Vanadium   | 51-2  | 243      | 260      | 250      | 251      | 3.34   | cps   |
| Yttrium    | 89-1  | 13821721 | 13794913 | 13673622 | 13763418 | 0.57   | cps   |
| Yttrium    | 89-2  | 2185260  | 2199512  | 2174921  | 2186564  | 0.56   | cps   |
| Zinc       | 66-2  | 63230    | 63568    | 63467    | 63422    | 0.27   | cps   |
| Zirconium  | 90-1  | 1684     | 1408     | 1767     | 1620     | 11.58  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-56-FL1-BR204 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:03:19  | DataFile Name :   | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 442  | 325  | 375  | 381     | 15.38  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-20 Instrumnet Name : P7  
 Client Sample ID : DC24741-57-FL1-BR204 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:06:43 DataFile Name : 091SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1759     | 1925     | 1884     | 1856     | 4.67   | cps   |
| Antimony   | 121-1 | 758      | 775      | 775      | 770      | 1.25   | cps   |
| Arsenic    | 75-2  | 194      | 185      | 178      | 186      | 4.50   | cps   |
| Barium     | 135-1 | 70103    | 68846    | 67422    | 68790    | 1.95   | cps   |
| Barium     | 137-1 | 121648   | 118940   | 119100   | 119896   | 1.27   | cps   |
| Beryllium  | 9-1   | 50       | 22       | 56       | 43       | 41.93  | cps   |
| Bismuth    | 209-1 | 11486765 | 11568926 | 11345036 | 11466909 | 0.99   | cps   |
| Bismuth    | 209-2 | 7164271  | 7222442  | 7190737  | 7192483  | 0.40   | cps   |
| Boron      | 10-1  | 1659     | 1617     | 1650     | 1642     | 1.34   | cps   |
| Boron      | 11-1  | 8619     | 8986     | 9011     | 8872     | 2.47   | cps   |
| Cadmium    | 111-1 | 2314     | 2403     | 2328     | 2348     | 2.04   | cps   |
| Cadmium    | 106-1 | 3251     | 3417     | 3301     | 3323     | 2.57   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 17       | 14       | 34.67  | cps   |
| Calcium    | 43-1  | 265682   | 263392   | 265122   | 264732   | 0.45   | cps   |
| Calcium    | 44-1  | 4388538  | 4381453  | 4324914  | 4364968  | 0.80   | cps   |
| Chromium   | 52-2  | 2124     | 2087     | 1987     | 2066     | 3.42   | cps   |
| Cobalt     | 59-2  | 193      | 170      | 250      | 204      | 20.13  | cps   |
| Copper     | 63-2  | 635490   | 627086   | 628481   | 630352   | 0.71   | cps   |
| Dysprosium | 156-1 | 92       | 125      | 100      | 106      | 16.44  | cps   |
| Dysprosium | 156-2 | 53       | 70       | 43       | 56       | 24.25  | cps   |
| Erbium     | 164-1 | 142      | 167      | 183      | 164      | 12.80  | cps   |
| Erbium     | 164-2 | 50       | 93       | 80       | 74       | 29.82  | cps   |
| Gadolinium | 160-1 | 242      | 125      | 183      | 183      | 31.82  | cps   |
| Gadolinium | 160-2 | 200      | 187      | 223      | 203      | 9.13   | cps   |
| Holmium    | 165-1 | 17459140 | 17177521 | 17109937 | 17248866 | 1.07   | cps   |
| Holmium    | 165-2 | 9091963  | 9046431  | 8997459  | 9045284  | 0.52   | cps   |
| Indium     | 115-1 | 13394426 | 13396993 | 13069071 | 13286830 | 1.42   | cps   |
| Indium     | 115-2 | 2764032  | 2772909  | 2745895  | 2760945  | 0.50   | cps   |
| Iron       | 56-2  | 128811   | 125356   | 135827   | 129998   | 4.10   | cps   |
| Iron       | 57-2  | 4151     | 3812     | 4028     | 3997     | 4.30   | cps   |
| Lead       | 206-1 | 4206     | 4284     | 4306     | 4266     | 1.23   | cps   |
| Lead       | 207-1 | 3617     | 3728     | 3495     | 3614     | 3.23   | cps   |
| Lead       | 208-1 | 16666    | 16749    | 16838    | 16751    | 0.51   | cps   |
| Lithium    | 6-1   | 1879766  | 1881848  | 1871078  | 1877564  | 0.30   | cps   |
| Magnesium  | 24-2  | 521322   | 505984   | 514723   | 514010   | 1.50   | cps   |
| Manganese  | 55-2  | 47487    | 46798    | 47530    | 47272    | 0.87   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-57-FL1-BR204 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:06:43  | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 683      | 717      | 633      | 678      | 6.19   | cps   |
| Molybdenum | 95-1  | 300      | 333      | 333      | 322      | 5.97   | cps   |
| Molybdenum | 96-1  | 533      | 425      | 550      | 503      | 13.50  | cps   |
| Molybdenum | 97-1  | 208      | 317      | 208      | 244      | 25.58  | cps   |
| Molybdenum | 98-1  | 417      | 517      | 500      | 478      | 11.21  | cps   |
| Neodymium  | 150-1 | 80       | 80       | 93       | 84       | 9.12   | cps   |
| Neodymium  | 150-2 | 23       | 27       | 20       | 23       | 14.29  | cps   |
| Nickel     | 60-2  | 1403     | 1177     | 1333     | 1305     | 8.90   | cps   |
| Phosphorus | 31-2  | 7486     | 7177     | 7794     | 7486     | 4.12   | cps   |
| Potassium  | 39-2  | 261957   | 258803   | 259338   | 260033   | 0.65   | cps   |
| Rhodium    | 103-1 | 12632984 | 12426535 | 12514194 | 12524571 | 0.83   | cps   |
| Rhodium    | 103-2 | 6214369  | 6188023  | 6141853  | 6181415  | 0.59   | cps   |
| Scandium   | 45-1  | 8384930  | 8497318  | 8342930  | 8408393  | 0.95   | cps   |
| Scandium   | 45-2  | 436376   | 434150   | 436657   | 435727   | 0.32   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 131      | 122      | 100      | 118      | 13.72  | cps   |
| Selenium   | 82-1  | 70       | 33       | 20       | 41       | 63.13  | cps   |
| Silicon    | 28-1  | 9059236  | 9062462  | 9055936  | 9059211  | 0.04   | cps   |
| Silver     | 109-1 | 217      | 192      | 275      | 228      | 18.77  | cps   |
| Silver     | 107-1 | 317      | 258      | 275      | 283      | 10.60  | cps   |
| Sodium     | 23-2  | 8602897  | 8552015  | 8637655  | 8597523  | 0.50   | cps   |
| Strontium  | 86-1  | 96449    | 96012    | 96707    | 96389    | 0.36   | cps   |
| Strontium  | 88-1  | 828588   | 828019   | 839402   | 832003   | 0.77   | cps   |
| Sulfur     | 34-1  | 541506   | 542598   | 543170   | 542425   | 0.16   | cps   |
| Terbium    | 159-1 | 17848930 | 17818507 | 17737798 | 17801745 | 0.32   | cps   |
| Terbium    | 159-2 | 9071814  | 9072706  | 8970992  | 9038504  | 0.65   | cps   |
| Thallium   | 203-1 | 367      | 275      | 325      | 322      | 14.24  | cps   |
| Thallium   | 205-1 | 792      | 842      | 683      | 772      | 10.48  | cps   |
| Tin        | 118-1 | 642      | 600      | 542      | 594      | 8.45   | cps   |
| Titanium   | 47-1  | 1058     | 942      | 1117     | 1039     | 8.58   | cps   |
| Uranium    | 238-1 | 675      | 867      | 725      | 756      | 13.16  | cps   |
| Vanadium   | 51-2  | 267      | 267      | 257      | 263      | 2.19   | cps   |
| Yttrium    | 89-1  | 13565882 | 13576807 | 13614294 | 13585661 | 0.19   | cps   |
| Yttrium    | 89-2  | 2158796  | 2158613  | 2131616  | 2149675  | 0.73   | cps   |
| Zinc       | 66-2  | 16753    | 17240    | 16800    | 16931    | 1.59   | cps   |
| Zirconium  | 90-1  | 1659     | 1592     | 1817     | 1689     | 6.84   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-57-FL1-BR204 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:06:43  | DataFile Name :   | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 342  | 408  | 342     | 19.51  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-21 Instrumnet Name : P7  
 Client Sample ID : DC24741-58-FL1-CL204, Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:10:06 DataFile Name : 092SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1617     | 1483     | 1642     | 1581     | 5.39   | cps   |
| Antimony   | 121-1 | 867      | 850      | 892      | 870      | 2.41   | cps   |
| Arsenic    | 75-2  | 207      | 230      | 209      | 215      | 5.72   | cps   |
| Barium     | 135-1 | 72188    | 70748    | 70780    | 71238    | 1.15   | cps   |
| Barium     | 137-1 | 128509   | 124353   | 124318   | 125726   | 1.92   | cps   |
| Beryllium  | 9-1   | 44       | 33       | 28       | 35       | 24.12  | cps   |
| Bismuth    | 209-1 | 11502426 | 11472105 | 11487468 | 11487333 | 0.13   | cps   |
| Bismuth    | 209-2 | 7290858  | 7091611  | 7171842  | 7184770  | 1.40   | cps   |
| Boron      | 10-1  | 1642     | 1600     | 1684     | 1642     | 2.54   | cps   |
| Boron      | 11-1  | 8528     | 8244     | 8678     | 8483     | 2.60   | cps   |
| Cadmium    | 111-1 | 2410     | 2426     | 2501     | 2446     | 1.99   | cps   |
| Cadmium    | 106-1 | 3401     | 3401     | 3542     | 3448     | 2.37   | cps   |
| Cadmium    | 108-1 | 17       | 13       | 17       | 15       | 15.76  | cps   |
| Calcium    | 43-1  | 270226   | 265722   | 269830   | 268593   | 0.93   | cps   |
| Calcium    | 44-1  | 4465957  | 4443017  | 4418302  | 4442425  | 0.54   | cps   |
| Chromium   | 52-2  | 1710     | 1547     | 1543     | 1600     | 5.96   | cps   |
| Cobalt     | 59-2  | 370      | 410      | 387      | 389      | 5.17   | cps   |
| Copper     | 63-2  | 294040   | 293061   | 293618   | 293573   | 0.17   | cps   |
| Dysprosium | 156-1 | 83       | 67       | 150      | 100      | 44.10  | cps   |
| Dysprosium | 156-2 | 47       | 70       | 43       | 53       | 27.24  | cps   |
| Erbium     | 164-1 | 108      | 108      | 100      | 106      | 4.56   | cps   |
| Erbium     | 164-2 | 63       | 63       | 73       | 67       | 8.66   | cps   |
| Gadolinium | 160-1 | 133      | 125      | 192      | 150      | 24.22  | cps   |
| Gadolinium | 160-2 | 160      | 190      | 227      | 192      | 17.37  | cps   |
| Holmium    | 165-1 | 17550634 | 17547346 | 17500447 | 17532809 | 0.16   | cps   |
| Holmium    | 165-2 | 9108589  | 9099909  | 9172754  | 9127084  | 0.44   | cps   |
| Indium     | 115-1 | 13415671 | 13402013 | 13292056 | 13369913 | 0.51   | cps   |
| Indium     | 115-2 | 2790995  | 2756780  | 2772183  | 2773319  | 0.62   | cps   |
| Iron       | 56-2  | 86232    | 84488    | 86609    | 85776    | 1.32   | cps   |
| Iron       | 57-2  | 2995     | 2884     | 2995     | 2958     | 2.17   | cps   |
| Lead       | 206-1 | 9092     | 9604     | 9053     | 9250     | 3.32   | cps   |
| Lead       | 207-1 | 7686     | 7586     | 7786     | 7686     | 1.30   | cps   |
| Lead       | 208-1 | 36104    | 36359    | 35825    | 36096    | 0.74   | cps   |
| Lithium    | 6-1   | 1878373  | 1879023  | 1865793  | 1874396  | 0.40   | cps   |
| Magnesium  | 24-2  | 519294   | 526692   | 537638   | 527875   | 1.75   | cps   |
| Manganese  | 55-2  | 43668    | 43528    | 44233    | 43810    | 0.85   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-21 Instrumnet Name : P7  
 Client Sample ID : DC24741-58-FL1-CL204, Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:10:06 DataFile Name : 092SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 783      | 608      | 617      | 669      | 14.75  | cps   |
| Molybdenum | 95-1  | 308      | 283      | 350      | 314      | 10.73  | cps   |
| Molybdenum | 96-1  | 350      | 333      | 383      | 356      | 7.16   | cps   |
| Molybdenum | 97-1  | 275      | 217      | 267      | 253      | 12.48  | cps   |
| Molybdenum | 98-1  | 450      | 358      | 500      | 436      | 16.48  | cps   |
| Neodymium  | 150-1 | 87       | 47       | 80       | 71       | 30.13  | cps   |
| Neodymium  | 150-2 | 33       | 43       | 30       | 36       | 19.51  | cps   |
| Nickel     | 60-2  | 52149    | 51614    | 52266    | 52010    | 0.67   | cps   |
| Phosphorus | 31-2  | 7385     | 7227     | 7727     | 7447     | 3.43   | cps   |
| Potassium  | 39-2  | 266901   | 267410   | 269773   | 268028   | 0.57   | cps   |
| Rhodium    | 103-1 | 12723751 | 12670574 | 12501370 | 12631898 | 0.92   | cps   |
| Rhodium    | 103-2 | 6216365  | 6137247  | 6216063  | 6189892  | 0.74   | cps   |
| Scandium   | 45-1  | 8320503  | 8540432  | 8471701  | 8444212  | 1.33   | cps   |
| Scandium   | 45-2  | 432985   | 428842   | 428090   | 429972   | 0.61   | cps   |
| Selenium   | 77-2  | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 106      | 107      | 93       | 102      | 7.93   | cps   |
| Selenium   | 82-1  | 95       | -17      | 17       | 32       | 183.13 | cps   |
| Silicon    | 28-1  | 9206813  | 9134273  | 9080820  | 9140635  | 0.69   | cps   |
| Silver     | 109-1 | 75       | 100      | 108      | 94       | 18.37  | cps   |
| Silver     | 107-1 | 175      | 192      | 150      | 172      | 12.18  | cps   |
| Sodium     | 23-2  | 8511544  | 8432391  | 8539153  | 8494363  | 0.65   | cps   |
| Strontium  | 86-1  | 97689    | 96197    | 99519    | 97802    | 1.70   | cps   |
| Strontium  | 88-1  | 853323   | 841492   | 849041   | 847952   | 0.71   | cps   |
| Sulfur     | 34-1  | 531843   | 532438   | 528825   | 531035   | 0.36   | cps   |
| Terbium    | 159-1 | 17983681 | 17952318 | 17937913 | 17957971 | 0.13   | cps   |
| Terbium    | 159-2 | 9169877  | 9045994  | 9037198  | 9084356  | 0.82   | cps   |
| Thallium   | 203-1 | 292      | 300      | 500      | 364      | 32.42  | cps   |
| Thallium   | 205-1 | 850      | 667      | 867      | 795      | 13.97  | cps   |
| Tin        | 118-1 | 958      | 992      | 1242     | 1064     | 14.56  | cps   |
| Titanium   | 47-1  | 1067     | 1083     | 1017     | 1056     | 3.29   | cps   |
| Uranium    | 238-1 | 667      | 808      | 783      | 753      | 10.04  | cps   |
| Vanadium   | 51-2  | 240      | 283      | 243      | 256      | 9.44   | cps   |
| Yttrium    | 89-1  | 13694864 | 13597343 | 13550548 | 13614252 | 0.54   | cps   |
| Yttrium    | 89-2  | 2175760  | 2156049  | 2168642  | 2166817  | 0.46   | cps   |
| Zinc       | 66-2  | 148362   | 149493   | 150079   | 149311   | 0.58   | cps   |
| Zirconium  | 90-1  | 1492     | 1575     | 1483     | 1517     | 3.34   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-58-FL1-CL204 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:10:06  | DataFile Name :   | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 333  | 333  | 339     | 2.84   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-22 Instrumnet Name : P7  
 Client Sample ID : DC24741-59-FL1-CL204 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:13:30 DataFile Name : 093SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 7494     | 8453     | 8429     | 8125     | 6.73   | cps   |
| Antimony   | 121-1 | 717      | 775      | 767      | 753      | 4.19   | cps   |
| Arsenic    | 75-2  | 169      | 206      | 176      | 183      | 10.69  | cps   |
| Barium     | 135-1 | 67004    | 68301    | 68553    | 67953    | 1.22   | cps   |
| Barium     | 137-1 | 119511   | 117232   | 118234   | 118326   | 0.97   | cps   |
| Beryllium  | 9-1   | 28       | 39       | 17       | 28       | 39.99  | cps   |
| Bismuth    | 209-1 | 11433723 | 11321254 | 11463376 | 11406117 | 0.66   | cps   |
| Bismuth    | 209-2 | 7239389  | 7096207  | 7038835  | 7124811  | 1.45   | cps   |
| Boron      | 10-1  | 1675     | 1717     | 1508     | 1633     | 6.75   | cps   |
| Boron      | 11-1  | 8269     | 8770     | 7969     | 8336     | 4.85   | cps   |
| Cadmium    | 111-1 | 2212     | 2298     | 2150     | 2220     | 3.35   | cps   |
| Cadmium    | 106-1 | 3142     | 3292     | 3075     | 3170     | 3.50   | cps   |
| Cadmium    | 108-1 | 29       | 21       | 33       | 28       | 22.92  | cps   |
| Calcium    | 43-1  | 263189   | 262669   | 262695   | 262851   | 0.11   | cps   |
| Calcium    | 44-1  | 4382092  | 4362741  | 4343261  | 4362698  | 0.45   | cps   |
| Chromium   | 52-2  | 7519     | 7675     | 7599     | 7598     | 1.03   | cps   |
| Cobalt     | 59-2  | 377      | 357      | 257      | 330      | 19.48  | cps   |
| Copper     | 63-2  | 243614   | 243099   | 247341   | 244685   | 0.95   | cps   |
| Dysprosium | 156-1 | 58       | 75       | 100      | 78       | 26.96  | cps   |
| Dysprosium | 156-2 | 60       | 60       | 33       | 51       | 30.13  | cps   |
| Erbium     | 164-1 | 100      | 117      | 158      | 125      | 24.04  | cps   |
| Erbium     | 164-2 | 63       | 93       | 43       | 67       | 37.76  | cps   |
| Gadolinium | 160-1 | 167      | 175      | 292      | 211      | 33.11  | cps   |
| Gadolinium | 160-2 | 133      | 147      | 220      | 167      | 28.00  | cps   |
| Holmium    | 165-1 | 17091169 | 17192854 | 17173233 | 17152419 | 0.31   | cps   |
| Holmium    | 165-2 | 9108572  | 8959810  | 8908396  | 8992259  | 1.16   | cps   |
| Indium     | 115-1 | 13284778 | 13143696 | 13220877 | 13216450 | 0.53   | cps   |
| Indium     | 115-2 | 2774491  | 2742870  | 2769852  | 2762404  | 0.62   | cps   |
| Iron       | 56-2  | 104951   | 106166   | 104325   | 105147   | 0.89   | cps   |
| Iron       | 57-2  | 3167     | 3367     | 3645     | 3393     | 7.07   | cps   |
| Lead       | 206-1 | 3706     | 3945     | 3984     | 3878     | 3.88   | cps   |
| Lead       | 207-1 | 2978     | 3356     | 3495     | 3276     | 8.16   | cps   |
| Lead       | 208-1 | 14515    | 15109    | 15293    | 14972    | 2.72   | cps   |
| Lithium    | 6-1   | 1847222  | 1844768  | 1827653  | 1839881  | 0.58   | cps   |
| Magnesium  | 24-2  | 520416   | 522798   | 518439   | 520551   | 0.42   | cps   |
| Manganese  | 55-2  | 35931    | 35583    | 35730    | 35748    | 0.49   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-22 Instrumnet Name : P7  
 Client Sample ID : DC24741-59-FL1-CL204, Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:13:30 DataFile Name : 093SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 942      | 675      | 742      | 786      | 17.65  | cps   |
| Molybdenum | 95-1  | 400      | 292      | 383      | 358      | 16.28  | cps   |
| Molybdenum | 96-1  | 525      | 625      | 575      | 575      | 8.70   | cps   |
| Molybdenum | 97-1  | 383      | 258      | 292      | 311      | 20.81  | cps   |
| Molybdenum | 98-1  | 558      | 600      | 533      | 564      | 5.97   | cps   |
| Neodymium  | 150-1 | 127      | 73       | 47       | 82       | 49.54  | cps   |
| Neodymium  | 150-2 | 17       | 27       | 23       | 22       | 22.91  | cps   |
| Nickel     | 60-2  | 3454     | 3550     | 3767     | 3591     | 4.47   | cps   |
| Phosphorus | 31-2  | 6960     | 7219     | 6910     | 7030     | 2.36   | cps   |
| Potassium  | 39-2  | 261407   | 257284   | 259014   | 259235   | 0.80   | cps   |
| Rhodium    | 103-1 | 12410119 | 12415707 | 12375322 | 12400382 | 0.18   | cps   |
| Rhodium    | 103-2 | 6145065  | 6152559  | 6059700  | 6119108  | 0.84   | cps   |
| Scandium   | 45-1  | 8232882  | 8337552  | 8387469  | 8319301  | 0.95   | cps   |
| Scandium   | 45-2  | 433626   | 430669   | 434083   | 432793   | 0.43   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 128      | 115      | 91       | 111      | 16.92  | cps   |
| Selenium   | 82-1  | 186      | 77       | -52      | 70       | 169.14 | cps   |
| Silicon    | 28-1  | 8964412  | 8893859  | 8911941  | 8923404  | 0.41   | cps   |
| Silver     | 109-1 | 42       | 117      | 108      | 89       | 46.24  | cps   |
| Silver     | 107-1 | 192      | 175      | 200      | 189      | 6.74   | cps   |
| Sodium     | 23-2  | 8295604  | 8263004  | 8281012  | 8279873  | 0.20   | cps   |
| Strontium  | 86-1  | 95434    | 96012    | 94166    | 95204    | 0.99   | cps   |
| Strontium  | 88-1  | 829972   | 826921   | 823731   | 826875   | 0.38   | cps   |
| Sulfur     | 34-1  | 516972   | 526966   | 523519   | 522485   | 0.97   | cps   |
| Terbium    | 159-1 | 17851891 | 17769768 | 17861568 | 17827742 | 0.28   | cps   |
| Terbium    | 159-2 | 9115920  | 9068938  | 9030174  | 9071677  | 0.47   | cps   |
| Thallium   | 203-1 | 292      | 342      | 250      | 294      | 15.59  | cps   |
| Thallium   | 205-1 | 858      | 742      | 717      | 772      | 9.79   | cps   |
| Tin        | 118-1 | 1133     | 1350     | 1183     | 1222     | 9.28   | cps   |
| Titanium   | 47-1  | 1125     | 967      | 1058     | 1050     | 7.57   | cps   |
| Uranium    | 238-1 | 642      | 592      | 800      | 678      | 16.05  | cps   |
| Vanadium   | 51-2  | 343      | 280      | 263      | 296      | 14.28  | cps   |
| Yttrium    | 89-1  | 13482901 | 13434930 | 13534391 | 13484074 | 0.37   | cps   |
| Yttrium    | 89-2  | 2157102  | 2148194  | 2145536  | 2150277  | 0.28   | cps   |
| Zinc       | 66-2  | 17250    | 17908    | 18152    | 17770    | 2.62   | cps   |
| Zirconium  | 90-1  | 1525     | 1342     | 1592     | 1486     | 8.71   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-59-FL1-CL204 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:13:30  | DataFile Name :   | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 350  | 350  | 322     | 14.93  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-60-FL1-CL201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:16:54  | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3759     | 3867     | 3509     | 3712     | 4.95   | cps   |
| Antimony   | 121-1 | 817      | 775      | 625      | 739      | 13.64  | cps   |
| Arsenic    | 75-2  | 215      | 189      | 181      | 195      | 8.97   | cps   |
| Barium     | 135-1 | 66443    | 64408    | 65462    | 65438    | 1.55   | cps   |
| Barium     | 137-1 | 115351   | 113384   | 113519   | 114085   | 0.96   | cps   |
| Beryllium  | 9-1   | 17       | 28       | 39       | 28       | 39.99  | cps   |
| Bismuth    | 209-1 | 11273379 | 11136807 | 11282621 | 11230936 | 0.73   | cps   |
| Bismuth    | 209-2 | 6967680  | 7000669  | 6985493  | 6984614  | 0.24   | cps   |
| Boron      | 10-1  | 1659     | 1525     | 1492     | 1558     | 5.66   | cps   |
| Boron      | 11-1  | 8127     | 8436     | 7819     | 8127     | 3.80   | cps   |
| Cadmium    | 111-1 | 2235     | 2337     | 2134     | 2235     | 4.54   | cps   |
| Cadmium    | 106-1 | 3176     | 3317     | 3017     | 3170     | 4.74   | cps   |
| Cadmium    | 108-1 | 25       | 21       | 17       | 21       | 19.99  | cps   |
| Calcium    | 43-1  | 259542   | 257276   | 257329   | 258049   | 0.50   | cps   |
| Calcium    | 44-1  | 4268439  | 4239760  | 4253917  | 4254039  | 0.34   | cps   |
| Chromium   | 52-2  | 4161     | 3921     | 4021     | 4034     | 2.99   | cps   |
| Cobalt     | 59-2  | 293      | 307      | 210      | 270      | 19.40  | cps   |
| Copper     | 63-2  | 240609   | 240711   | 240390   | 240570   | 0.07   | cps   |
| Dysprosium | 156-1 | 117      | 133      | 92       | 114      | 18.41  | cps   |
| Dysprosium | 156-2 | 70       | 57       | 53       | 60       | 14.70  | cps   |
| Erbium     | 164-1 | 133      | 133      | 100      | 122      | 15.75  | cps   |
| Erbium     | 164-2 | 53       | 83       | 50       | 62       | 29.51  | cps   |
| Gadolinium | 160-1 | 225      | 125      | 192      | 181      | 28.20  | cps   |
| Gadolinium | 160-2 | 130      | 183      | 183      | 166      | 18.60  | cps   |
| Holmium    | 165-1 | 17027849 | 17132555 | 17009676 | 17056694 | 0.39   | cps   |
| Holmium    | 165-2 | 9022013  | 8861210  | 8941654  | 8941626  | 0.90   | cps   |
| Indium     | 115-1 | 13153450 | 12930170 | 12865043 | 12982888 | 1.17   | cps   |
| Indium     | 115-2 | 2729581  | 2753741  | 2740818  | 2741380  | 0.44   | cps   |
| Iron       | 56-2  | 108906   | 106752   | 106510   | 107389   | 1.23   | cps   |
| Iron       | 57-2  | 5069     | 3256     | 3384     | 3903     | 25.92  | cps   |
| Lead       | 206-1 | 3878     | 3856     | 3945     | 3893     | 1.19   | cps   |
| Lead       | 207-1 | 3156     | 3334     | 3428     | 3306     | 4.18   | cps   |
| Lead       | 208-1 | 14998    | 14954    | 15721    | 15224    | 2.83   | cps   |
| Lithium    | 6-1   | 1819734  | 1806577  | 1815916  | 1814075  | 0.37   | cps   |
| Magnesium  | 24-2  | 509597   | 510926   | 507947   | 509490   | 0.29   | cps   |
| Manganese  | 55-2  | 41154    | 41789    | 42267    | 41737    | 1.34   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-60-FL1-CL201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:16:54  | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 675      | 608      | 717      | 667      | 8.20   | cps   |
| Molybdenum | 95-1  | 267      | 383      | 342      | 331      | 17.89  | cps   |
| Molybdenum | 96-1  | 458      | 342      | 375      | 392      | 15.34  | cps   |
| Molybdenum | 97-1  | 317      | 217      | 342      | 292      | 22.68  | cps   |
| Molybdenum | 98-1  | 450      | 408      | 550      | 469      | 15.51  | cps   |
| Neodymium  | 150-1 | 93       | 87       | 80       | 87       | 7.70   | cps   |
| Neodymium  | 150-2 | 50       | 37       | 23       | 37       | 36.37  | cps   |
| Nickel     | 60-2  | 5635     | 5711     | 5628     | 5658     | 0.82   | cps   |
| Phosphorus | 31-2  | 7677     | 7427     | 6977     | 7360     | 4.82   | cps   |
| Potassium  | 39-2  | 259965   | 259706   | 258657   | 259443   | 0.27   | cps   |
| Rhodium    | 103-1 | 12344065 | 12325117 | 12265796 | 12311659 | 0.33   | cps   |
| Rhodium    | 103-2 | 5976467  | 6035993  | 5964106  | 5992189  | 0.64   | cps   |
| Scandium   | 45-1  | 8156109  | 8122901  | 8195253  | 8158088  | 0.44   | cps   |
| Scandium   | 45-2  | 425775   | 427557   | 426110   | 426481   | 0.22   | cps   |
| Selenium   | 77-2  | 10       | 0        | 10       | 7        | 86.60  | cps   |
| Selenium   | 78-2  | 102      | 83       | 122      | 102      | 18.98  | cps   |
| Selenium   | 82-1  | 30       | 92       | 35       | 53       | 65.91  | cps   |
| Silicon    | 28-1  | 8707703  | 8645638  | 8684629  | 8679323  | 0.36   | cps   |
| Silver     | 109-1 | 150      | 158      | 167      | 158      | 5.27   | cps   |
| Silver     | 107-1 | 142      | 175      | 250      | 189      | 29.38  | cps   |
| Sodium     | 23-2  | 8283022  | 8407616  | 8334794  | 8341811  | 0.75   | cps   |
| Strontium  | 86-1  | 92758    | 91273    | 93445    | 92492    | 1.20   | cps   |
| Strontium  | 88-1  | 812656   | 791512   | 803430   | 802533   | 1.32   | cps   |
| Sulfur     | 34-1  | 513573   | 514259   | 519328   | 515720   | 0.61   | cps   |
| Terbium    | 159-1 | 17569244 | 17357043 | 17600253 | 17508847 | 0.76   | cps   |
| Terbium    | 159-2 | 8934525  | 8960891  | 8957771  | 8951062  | 0.16   | cps   |
| Thallium   | 203-1 | 417      | 300      | 283      | 333      | 21.79  | cps   |
| Thallium   | 205-1 | 817      | 642      | 675      | 711      | 13.07  | cps   |
| Tin        | 118-1 | 1200     | 1142     | 975      | 1106     | 10.56  | cps   |
| Titanium   | 47-1  | 867      | 1200     | 875      | 981      | 19.39  | cps   |
| Uranium    | 238-1 | 1000     | 817      | 875      | 897      | 10.44  | cps   |
| Vanadium   | 51-2  | 367      | 217      | 233      | 272      | 30.20  | cps   |
| Yttrium    | 89-1  | 13463834 | 13108173 | 13327092 | 13299700 | 1.35   | cps   |
| Yttrium    | 89-2  | 2130760  | 2137664  | 2125655  | 2131360  | 0.28   | cps   |
| Zinc       | 66-2  | 24224    | 24250    | 24304    | 24259    | 0.17   | cps   |
| Zirconium  | 90-1  | 1308     | 1517     | 1508     | 1445     | 8.17   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-60-FL1-CL201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:16:54  | DataFile Name :   | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 267  | 325  | 314     | 13.62  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-61-FL1-CL201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:20:19  | DataFile Name :   | 095SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1483     | 1333     | 1725     | 1514     | 13.06  | cps   |
| Antimony   | 121-1 | 658      | 717      | 700      | 692      | 4.34   | cps   |
| Arsenic    | 75-2  | 209      | 172      | 137      | 173      | 20.89  | cps   |
| Barium     | 135-1 | 65924    | 66962    | 65614    | 66167    | 1.07   | cps   |
| Barium     | 137-1 | 115486   | 115426   | 114182   | 115031   | 0.64   | cps   |
| Beryllium  | 9-1   | 50       | 33       | 33       | 39       | 24.75  | cps   |
| Bismuth    | 209-1 | 11203914 | 11335497 | 11200794 | 11246735 | 0.68   | cps   |
| Bismuth    | 209-2 | 7002599  | 6995705  | 6970036  | 6989447  | 0.25   | cps   |
| Boron      | 10-1  | 1417     | 1734     | 1608     | 1586     | 10.06  | cps   |
| Boron      | 11-1  | 8311     | 8511     | 8336     | 8386     | 1.30   | cps   |
| Cadmium    | 111-1 | 2347     | 2429     | 2360     | 2379     | 1.85   | cps   |
| Cadmium    | 106-1 | 3309     | 3459     | 3376     | 3381     | 2.22   | cps   |
| Cadmium    | 108-1 | 4        | 25       | 33       | 21       | 72.10  | cps   |
| Calcium    | 43-1  | 259882   | 256694   | 259244   | 258607   | 0.65   | cps   |
| Calcium    | 44-1  | 4324846  | 4266965  | 4286909  | 4292907  | 0.68   | cps   |
| Chromium   | 52-2  | 1954     | 1957     | 1940     | 1950     | 0.45   | cps   |
| Cobalt     | 59-2  | 157      | 143      | 200      | 167      | 17.78  | cps   |
| Copper     | 63-2  | 277148   | 281250   | 279776   | 279391   | 0.74   | cps   |
| Dysprosium | 156-1 | 75       | 142      | 108      | 108      | 30.77  | cps   |
| Dysprosium | 156-2 | 60       | 23       | 43       | 42       | 43.49  | cps   |
| Erbium     | 164-1 | 133      | 150      | 125      | 136      | 9.35   | cps   |
| Erbium     | 164-2 | 120      | 87       | 53       | 87       | 38.46  | cps   |
| Gadolinium | 160-1 | 217      | 233      | 217      | 222      | 4.33   | cps   |
| Gadolinium | 160-2 | 233      | 223      | 277      | 244      | 11.60  | cps   |
| Holmium    | 165-1 | 17035538 | 17020509 | 17139749 | 17065265 | 0.38   | cps   |
| Holmium    | 165-2 | 8942542  | 8974104  | 8910953  | 8942533  | 0.35   | cps   |
| Indium     | 115-1 | 12971446 | 13052504 | 13083533 | 13035828 | 0.44   | cps   |
| Indium     | 115-2 | 2757707  | 2756073  | 2730803  | 2748194  | 0.55   | cps   |
| Iron       | 56-2  | 98325    | 98919    | 106603   | 101282   | 4.56   | cps   |
| Iron       | 57-2  | 3039     | 3267     | 3568     | 3291     | 8.05   | cps   |
| Lead       | 206-1 | 2834     | 2923     | 2945     | 2900     | 2.03   | cps   |
| Lead       | 207-1 | 2428     | 2678     | 2656     | 2587     | 5.35   | cps   |
| Lead       | 208-1 | 11024    | 11802    | 11769    | 11532    | 3.81   | cps   |
| Lithium    | 6-1   | 1797086  | 1800557  | 1804156  | 1800599  | 0.20   | cps   |
| Magnesium  | 24-2  | 510535   | 508406   | 507788   | 508910   | 0.28   | cps   |
| Manganese  | 55-2  | 41341    | 42003    | 41228    | 41524    | 1.01   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-61-FL1-CL201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:20:19  | DataFile Name :   | 095SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 750      | 550      | 667      | 656      | 15.33  | cps   |
| Molybdenum | 95-1  | 333      | 275      | 358      | 322      | 13.27  | cps   |
| Molybdenum | 96-1  | 383      | 458      | 458      | 433      | 9.99   | cps   |
| Molybdenum | 97-1  | 275      | 283      | 200      | 253      | 18.16  | cps   |
| Molybdenum | 98-1  | 517      | 508      | 517      | 514      | 0.94   | cps   |
| Neodymium  | 150-1 | 153      | 140      | 53       | 116      | 46.99  | cps   |
| Neodymium  | 150-2 | 30       | 30       | 20       | 27       | 21.65  | cps   |
| Nickel     | 60-2  | 2827     | 2907     | 2974     | 2903     | 2.53   | cps   |
| Phosphorus | 31-2  | 7419     | 7611     | 7402     | 7477     | 1.55   | cps   |
| Potassium  | 39-2  | 262372   | 259803   | 255509   | 259228   | 1.34   | cps   |
| Rhodium    | 103-1 | 12351060 | 12287569 | 12364735 | 12334455 | 0.33   | cps   |
| Rhodium    | 103-2 | 6092227  | 6025307  | 6029364  | 6048966  | 0.62   | cps   |
| Scandium   | 45-1  | 8193106  | 8147235  | 8222701  | 8187680  | 0.46   | cps   |
| Scandium   | 45-2  | 429365   | 425705   | 425833   | 426968   | 0.49   | cps   |
| Selenium   | 77-2  | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 94       | 115      | 104      | 104      | 9.78   | cps   |
| Selenium   | 82-1  | 0        | 45       | 100      | 48       | 104.42 | cps   |
| Silicon    | 28-1  | 8817369  | 8761929  | 8718694  | 8765997  | 0.56   | cps   |
| Silver     | 109-1 | 150      | 133      | 100      | 128      | 19.92  | cps   |
| Silver     | 107-1 | 158      | 158      | 208      | 175      | 16.50  | cps   |
| Sodium     | 23-2  | 8414699  | 8312332  | 8301619  | 8342883  | 0.75   | cps   |
| Strontium  | 86-1  | 93747    | 93647    | 92188    | 93194    | 0.94   | cps   |
| Strontium  | 88-1  | 811177   | 810707   | 800370   | 807418   | 0.76   | cps   |
| Sulfur     | 34-1  | 526456   | 524388   | 528089   | 526311   | 0.35   | cps   |
| Terbium    | 159-1 | 17593448 | 17625771 | 17447904 | 17555708 | 0.54   | cps   |
| Terbium    | 159-2 | 9000931  | 8904400  | 8836894  | 8914075  | 0.92   | cps   |
| Thallium   | 203-1 | 383      | 283      | 292      | 319      | 17.37  | cps   |
| Thallium   | 205-1 | 658      | 675      | 742      | 692      | 6.38   | cps   |
| Tin        | 118-1 | 1233     | 1309     | 1283     | 1275     | 3.00   | cps   |
| Titanium   | 47-1  | 1092     | 1000     | 967      | 1020     | 6.35   | cps   |
| Uranium    | 238-1 | 700      | 792      | 808      | 767      | 7.61   | cps   |
| Vanadium   | 51-2  | 300      | 280      | 273      | 284      | 4.88   | cps   |
| Yttrium    | 89-1  | 13392779 | 13430227 | 13265197 | 13362734 | 0.65   | cps   |
| Yttrium    | 89-2  | 2143500  | 2150598  | 2129744  | 2141281  | 0.50   | cps   |
| Zinc       | 66-2  | 17587    | 17411    | 17567    | 17522    | 0.55   | cps   |
| Zirconium  | 90-1  | 1175     | 1467     | 1500     | 1381     | 12.95  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-61-FL1-CL201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:20:19  | DataFile Name :   | 095SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 242  | 308  | 306     | 20.47  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-25 Instrumnet Name : P7  
 Client Sample ID : DC24741-62-FL1-BR201 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:23:45 DataFile Name : 096SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2543     | 1934     | 2234     | 2237     | 13.62  | cps   |
| Antimony   | 121-1 | 625      | 725      | 733      | 694      | 8.68   | cps   |
| Arsenic    | 75-2  | 198      | 200      | 170      | 190      | 8.76   | cps   |
| Barium     | 135-1 | 69013    | 67372    | 68167    | 68184    | 1.20   | cps   |
| Barium     | 137-1 | 118754   | 118420   | 118695   | 118623   | 0.15   | cps   |
| Beryllium  | 9-1   | 33       | 33       | 22       | 30       | 21.65  | cps   |
| Bismuth    | 209-1 | 11432627 | 11440475 | 11313585 | 11395562 | 0.62   | cps   |
| Bismuth    | 209-2 | 7096298  | 7185637  | 7168867  | 7150267  | 0.66   | cps   |
| Boron      | 10-1  | 1817     | 1633     | 1542     | 1664     | 8.42   | cps   |
| Boron      | 11-1  | 7561     | 7794     | 8736     | 8030     | 7.75   | cps   |
| Cadmium    | 111-1 | 2269     | 2124     | 2354     | 2249     | 5.17   | cps   |
| Cadmium    | 106-1 | 3201     | 3009     | 3326     | 3178     | 5.02   | cps   |
| Cadmium    | 108-1 | 25       | 17       | 17       | 19       | 24.73  | cps   |
| Calcium    | 43-1  | 265713   | 260189   | 261169   | 262357   | 1.12   | cps   |
| Calcium    | 44-1  | 4356143  | 4338914  | 4287772  | 4327610  | 0.82   | cps   |
| Chromium   | 52-2  | 2460     | 2447     | 2384     | 2430     | 1.69   | cps   |
| Cobalt     | 59-2  | 247      | 253      | 257      | 252      | 2.02   | cps   |
| Copper     | 63-2  | 367818   | 367352   | 370193   | 368455   | 0.41   | cps   |
| Dysprosium | 156-1 | 83       | 108      | 92       | 94       | 13.48  | cps   |
| Dysprosium | 156-2 | 57       | 43       | 47       | 49       | 14.20  | cps   |
| Erbium     | 164-1 | 167      | 125      | 183      | 158      | 18.97  | cps   |
| Erbium     | 164-2 | 77       | 83       | 73       | 78       | 6.55   | cps   |
| Gadolinium | 160-1 | 217      | 208      | 183      | 203      | 8.56   | cps   |
| Gadolinium | 160-2 | 177      | 243      | 177      | 199      | 19.35  | cps   |
| Holmium    | 165-1 | 17616243 | 17200386 | 17088374 | 17301668 | 1.61   | cps   |
| Holmium    | 165-2 | 9064389  | 9151292  | 9128137  | 9114606  | 0.49   | cps   |
| Indium     | 115-1 | 13138510 | 13134096 | 13182001 | 13151536 | 0.20   | cps   |
| Indium     | 115-2 | 2766117  | 2789757  | 2768696  | 2774857  | 0.47   | cps   |
| Iron       | 56-2  | 140789   | 127125   | 124513   | 130809   | 6.68   | cps   |
| Iron       | 57-2  | 4335     | 4045     | 3784     | 4055     | 6.80   | cps   |
| Lead       | 206-1 | 5451     | 5129     | 5140     | 5240     | 3.49   | cps   |
| Lead       | 207-1 | 4473     | 4556     | 4634     | 4555     | 1.77   | cps   |
| Lead       | 208-1 | 21196    | 20857    | 20685    | 20913    | 1.24   | cps   |
| Lithium    | 6-1   | 1840511  | 1835362  | 1832837  | 1836237  | 0.21   | cps   |
| Magnesium  | 24-2  | 510128   | 513527   | 511192   | 511616   | 0.34   | cps   |
| Manganese  | 55-2  | 47738    | 48931    | 49212    | 48627    | 1.61   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-62-FL1-BR201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:23:45  | DataFile Name :   | 096SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 683      | 608      | 792      | 694      | 13.27  | cps   |
| Molybdenum | 95-1  | 300      | 275      | 350      | 308      | 12.39  | cps   |
| Molybdenum | 96-1  | 383      | 317      | 408      | 369      | 12.83  | cps   |
| Molybdenum | 97-1  | 333      | 250      | 350      | 311      | 17.22  | cps   |
| Molybdenum | 98-1  | 450      | 525      | 458      | 478      | 8.60   | cps   |
| Neodymium  | 150-1 | 113      | 53       | 80       | 82       | 36.56  | cps   |
| Neodymium  | 150-2 | 43       | 57       | 43       | 48       | 16.12  | cps   |
| Nickel     | 60-2  | 2084     | 2010     | 2020     | 2038     | 1.95   | cps   |
| Phosphorus | 31-2  | 7494     | 7477     | 7127     | 7366     | 2.81   | cps   |
| Potassium  | 39-2  | 258518   | 258912   | 262128   | 259853   | 0.76   | cps   |
| Rhodium    | 103-1 | 12651868 | 12280889 | 12351071 | 12427943 | 1.59   | cps   |
| Rhodium    | 103-2 | 6202842  | 6224697  | 6167524  | 6198354  | 0.47   | cps   |
| Scandium   | 45-1  | 8231459  | 8306275  | 8184231  | 8240655  | 0.75   | cps   |
| Scandium   | 45-2  | 433429   | 433503   | 433101   | 433344   | 0.05   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 93       | 117      | 104      | 104      | 11.55  | cps   |
| Selenium   | 82-1  | 64       | 131      | 131      | 109      | 35.89  | cps   |
| Silicon    | 28-1  | 9031279  | 8981243  | 9026128  | 9012883  | 0.31   | cps   |
| Silver     | 109-1 | 125      | 267      | 200      | 197      | 35.94  | cps   |
| Silver     | 107-1 | 233      | 250      | 333      | 272      | 19.68  | cps   |
| Sodium     | 23-2  | 8597935  | 8597935  | 8596043  | 8597304  | 0.01   | cps   |
| Strontium  | 86-1  | 95240    | 94200    | 94158    | 94533    | 0.65   | cps   |
| Strontium  | 88-1  | 826102   | 833805   | 825894   | 828600   | 0.54   | cps   |
| Sulfur     | 34-1  | 539554   | 533408   | 536399   | 536454   | 0.57   | cps   |
| Terbium    | 159-1 | 17653565 | 17634476 | 17616304 | 17634782 | 0.11   | cps   |
| Terbium    | 159-2 | 9016732  | 9084940  | 9040126  | 9047266  | 0.38   | cps   |
| Thallium   | 203-1 | 333      | 300      | 317      | 317      | 5.26   | cps   |
| Thallium   | 205-1 | 725      | 667      | 917      | 770      | 17.00  | cps   |
| Tin        | 118-1 | 708      | 808      | 808      | 775      | 7.45   | cps   |
| Titanium   | 47-1  | 1192     | 1467     | 967      | 1208     | 20.73  | cps   |
| Uranium    | 238-1 | 808      | 792      | 708      | 770      | 6.96   | cps   |
| Vanadium   | 51-2  | 230      | 200      | 250      | 227      | 11.10  | cps   |
| Yttrium    | 89-1  | 13598950 | 13432294 | 13445776 | 13492340 | 0.69   | cps   |
| Yttrium    | 89-2  | 2156132  | 2179910  | 2161872  | 2165971  | 0.57   | cps   |
| Zinc       | 66-2  | 24795    | 24775    | 24768    | 24779    | 0.06   | cps   |
| Zirconium  | 90-1  | 1250     | 1492     | 1525     | 1422     | 10.55  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-62-FL1-BR201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:23:45  | DataFile Name :   | 096SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 283  | 250  | 269     | 6.44   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-26 Instrumnet Name : P7  
 Client Sample ID : DC24741-63-FL1-BR201 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:27:09 DataFile Name : 097SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2317     | 2334     | 2367     | 2339     | 1.09   | cps   |
| Antimony   | 121-1 | 992      | 1033     | 875      | 967      | 8.49   | cps   |
| Arsenic    | 75-2  | 222      | 191      | 198      | 204      | 8.08   | cps   |
| Barium     | 135-1 | 71015    | 72146    | 71971    | 71711    | 0.85   | cps   |
| Barium     | 137-1 | 125640   | 124968   | 123656   | 124755   | 0.81   | cps   |
| Beryllium  | 9-1   | 11       | 28       | 67       | 35       | 81.03  | cps   |
| Bismuth    | 209-1 | 11324088 | 11592208 | 11351050 | 11422449 | 1.29   | cps   |
| Bismuth    | 209-2 | 7145859  | 7154255  | 7037704  | 7112606  | 0.91   | cps   |
| Boron      | 10-1  | 1492     | 1500     | 1909     | 1633     | 14.58  | cps   |
| Boron      | 11-1  | 8470     | 8086     | 8586     | 8381     | 3.12   | cps   |
| Cadmium    | 111-1 | 2610     | 2506     | 2480     | 2532     | 2.71   | cps   |
| Cadmium    | 106-1 | 3617     | 3417     | 3359     | 3464     | 3.91   | cps   |
| Cadmium    | 108-1 | 38       | 46       | 83       | 56       | 43.95  | cps   |
| Calcium    | 43-1  | 268371   | 268837   | 266676   | 267961   | 0.42   | cps   |
| Calcium    | 44-1  | 4433164  | 4456047  | 4386235  | 4425149  | 0.80   | cps   |
| Chromium   | 52-2  | 2074     | 2117     | 2290     | 2160     | 5.31   | cps   |
| Cobalt     | 59-2  | 517      | 437      | 417      | 457      | 11.59  | cps   |
| Copper     | 63-2  | 800160   | 798590   | 797846   | 798865   | 0.15   | cps   |
| Dysprosium | 156-1 | 83       | 142      | 133      | 119      | 26.41  | cps   |
| Dysprosium | 156-2 | 63       | 53       | 73       | 63       | 15.80  | cps   |
| Erbium     | 164-1 | 158      | 167      | 167      | 164      | 2.93   | cps   |
| Erbium     | 164-2 | 100      | 80       | 87       | 89       | 11.46  | cps   |
| Gadolinium | 160-1 | 233      | 192      | 200      | 208      | 10.58  | cps   |
| Gadolinium | 160-2 | 140      | 193      | 213      | 182      | 20.80  | cps   |
| Holmium    | 165-1 | 17622349 | 17391657 | 17249337 | 17421114 | 1.08   | cps   |
| Holmium    | 165-2 | 9130235  | 9139255  | 8971933  | 9080474  | 1.04   | cps   |
| Indium     | 115-1 | 13407709 | 13305621 | 13318106 | 13343812 | 0.42   | cps   |
| Indium     | 115-2 | 2785616  | 2789604  | 2767970  | 2781063  | 0.41   | cps   |
| Iron       | 56-2  | 182032   | 179216   | 183071   | 181439   | 1.10   | cps   |
| Iron       | 57-2  | 5146     | 5040     | 5218     | 5134     | 1.75   | cps   |
| Lead       | 206-1 | 52956    | 52621    | 52543    | 52706    | 0.42   | cps   |
| Lead       | 207-1 | 44475    | 44486    | 43778    | 44247    | 0.92   | cps   |
| Lead       | 208-1 | 205821   | 205278   | 205662   | 205587   | 0.14   | cps   |
| Lithium    | 6-1   | 1849858  | 1863655  | 1856968  | 1856827  | 0.37   | cps   |
| Magnesium  | 24-2  | 529841   | 529740   | 525754   | 528445   | 0.44   | cps   |
| Manganese  | 55-2  | 69014    | 69487    | 68040    | 68847    | 1.07   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-63-FL1-BR201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:27:09  | DataFile Name :   | 097SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 725      | 742      | 583      | 683      | 12.73    | cps   |
| Molybdenum | 95-1  | 292      | 283      | 250      | 275      | 8.02     | cps   |
| Molybdenum | 96-1  | 458      | 317      | 375      | 383      | 18.57    | cps   |
| Molybdenum | 97-1  | 283      | 267      | 225      | 258      | 11.63    | cps   |
| Molybdenum | 98-1  | 408      | 433      | 458      | 433      | 5.77     | cps   |
| Neodymium  | 150-1 | 100      | 87       | 100      | 96       | 8.05     | cps   |
| Neodymium  | 150-2 | 37       | 57       | 20       | 38       | 48.60    | cps   |
| Nickel     | 60-2  | 41873    | 42796    | 42051    | 42240    | 1.16     | cps   |
| Phosphorus | 31-2  | 6702     | 6543     | 7319     | 6855     | 5.98     | cps   |
| Potassium  | 39-2  | 277813   | 279310   | 275953   | 277692   | 0.61     | cps   |
| Rhodium    | 103-1 | 12625327 | 12603880 | 12339097 | 12522768 | 1.27     | cps   |
| Rhodium    | 103-2 | 6240104  | 6176557  | 6162049  | 6192904  | 0.67     | cps   |
| Scandium   | 45-1  | 8396285  | 8376730  | 8360954  | 8377990  | 0.21     | cps   |
| Scandium   | 45-2  | 433848   | 433000   | 433132   | 433327   | 0.11     | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Selenium   | 78-2  | 100      | 87       | 100      | 96       | 7.82     | cps   |
| Selenium   | 82-1  | 8        | -34      | 27       | 0        | 13079.35 | cps   |
| Silicon    | 28-1  | 9024373  | 9015688  | 9155004  | 9065022  | 0.86     | cps   |
| Silver     | 109-1 | 800      | 767      | 808      | 792      | 2.78     | cps   |
| Silver     | 107-1 | 900      | 800      | 983      | 895      | 10.26    | cps   |
| Sodium     | 23-2  | 8759106  | 8773882  | 8742783  | 8758590  | 0.18     | cps   |
| Strontium  | 86-1  | 98058    | 95669    | 98503    | 97410    | 1.56     | cps   |
| Strontium  | 88-1  | 851438   | 847973   | 848229   | 849213   | 0.23     | cps   |
| Sulfur     | 34-1  | 540337   | 535055   | 538367   | 537920   | 0.50     | cps   |
| Terbium    | 159-1 | 17601777 | 17961454 | 17722818 | 17762017 | 1.03     | cps   |
| Terbium    | 159-2 | 9132620  | 9122847  | 9234450  | 9163306  | 0.67     | cps   |
| Thallium   | 203-1 | 383      | 350      | 375      | 369      | 4.69     | cps   |
| Thallium   | 205-1 | 1008     | 975      | 933      | 972      | 3.87     | cps   |
| Tin        | 118-1 | 750      | 1067     | 867      | 895      | 17.91    | cps   |
| Titanium   | 47-1  | 1400     | 833      | 1233     | 1156     | 25.20    | cps   |
| Uranium    | 238-1 | 908      | 875      | 833      | 872      | 4.31     | cps   |
| Vanadium   | 51-2  | 320      | 260      | 260      | 280      | 12.37    | cps   |
| Yttrium    | 89-1  | 13446394 | 13601390 | 13593003 | 13546929 | 0.64     | cps   |
| Yttrium    | 89-2  | 2165091  | 2164000  | 2168461  | 2165851  | 0.11     | cps   |
| Zinc       | 66-2  | 492717   | 494346   | 491525   | 492863   | 0.29     | cps   |
| Zirconium  | 90-1  | 1225     | 1433     | 1308     | 1322     | 7.93     | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-63-FL1-BR201 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:27:09  | DataFile Name :   | 097SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 325  | 383  | 325  | 344     | 9.78   | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-27 Instrumnet Name : P7  
 Client Sample ID : DC24741-64-FL2-CL303 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:30:33 DataFile Name : 098SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1333     | 1550     | 1417     | 1434     | 7.64   | cps   |
| Antimony   | 121-1 | 1358     | 1408     | 1458     | 1408     | 3.55   | cps   |
| Arsenic    | 75-2  | 200      | 148      | 159      | 169      | 16.14  | cps   |
| Barium     | 135-1 | 70236    | 69189    | 68762    | 69396    | 1.09   | cps   |
| Barium     | 137-1 | 121241   | 119762   | 117544   | 119516   | 1.56   | cps   |
| Beryllium  | 9-1   | 50       | 22       | 11       | 28       | 72.12  | cps   |
| Bismuth    | 209-1 | 11418789 | 11492708 | 11460923 | 11457473 | 0.32   | cps   |
| Bismuth    | 209-2 | 7182955  | 7128237  | 7045925  | 7119039  | 0.97   | cps   |
| Boron      | 10-1  | 1458     | 1583     | 1817     | 1620     | 11.23  | cps   |
| Boron      | 11-1  | 8878     | 8394     | 8361     | 8544     | 3.39   | cps   |
| Cadmium    | 111-1 | 2292     | 2300     | 2291     | 2294     | 0.23   | cps   |
| Cadmium    | 106-1 | 3226     | 3234     | 3259     | 3239     | 0.54   | cps   |
| Cadmium    | 108-1 | 17       | 25       | 46       | 29       | 51.50  | cps   |
| Calcium    | 43-1  | 261451   | 263865   | 267189   | 264168   | 1.09   | cps   |
| Calcium    | 44-1  | 4421673  | 4388147  | 4369308  | 4393043  | 0.60   | cps   |
| Chromium   | 52-2  | 1663     | 1793     | 1757     | 1738     | 3.86   | cps   |
| Cobalt     | 59-2  | 490      | 563      | 497      | 517      | 7.85   | cps   |
| Copper     | 63-2  | 1396879  | 1395811  | 1402254  | 1398315  | 0.25   | cps   |
| Dysprosium | 156-1 | 67       | 83       | 117      | 89       | 28.64  | cps   |
| Dysprosium | 156-2 | 47       | 53       | 40       | 47       | 14.28  | cps   |
| Erbium     | 164-1 | 158      | 92       | 208      | 153      | 38.31  | cps   |
| Erbium     | 164-2 | 60       | 100      | 47       | 69       | 40.29  | cps   |
| Gadolinium | 160-1 | 175      | 92       | 233      | 167      | 42.72  | cps   |
| Gadolinium | 160-2 | 183      | 197      | 157      | 179      | 11.39  | cps   |
| Holmium    | 165-1 | 17582704 | 17447376 | 17389131 | 17473070 | 0.57   | cps   |
| Holmium    | 165-2 | 9000681  | 9045682  | 9000963  | 9015775  | 0.29   | cps   |
| Indium     | 115-1 | 13367818 | 13426391 | 13235517 | 13343242 | 0.73   | cps   |
| Indium     | 115-2 | 2766414  | 2790356  | 2768146  | 2774972  | 0.48   | cps   |
| Iron       | 56-2  | 108583   | 113007   | 110533   | 110708   | 2.00   | cps   |
| Iron       | 57-2  | 4040     | 3445     | 3484     | 3656     | 9.11   | cps   |
| Lead       | 206-1 | 29962    | 29567    | 28910    | 29480    | 1.80   | cps   |
| Lead       | 207-1 | 24868    | 24429    | 24345    | 24547    | 1.15   | cps   |
| Lead       | 208-1 | 116490   | 114193   | 113698   | 114794   | 1.30   | cps   |
| Lithium    | 6-1   | 1860889  | 1861920  | 1858256  | 1860355  | 0.10   | cps   |
| Magnesium  | 24-2  | 523965   | 525532   | 519580   | 523025   | 0.59   | cps   |
| Manganese  | 55-2  | 41736    | 42307    | 41920    | 41988    | 0.69   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-64-FL2-CL303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:30:33  | DataFile Name :   | 098SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 708      | 617      | 608      | 644      | 8.61   | cps   |
| Molybdenum | 95-1  | 267      | 308      | 300      | 292      | 7.56   | cps   |
| Molybdenum | 96-1  | 417      | 433      | 475      | 442      | 6.80   | cps   |
| Molybdenum | 97-1  | 192      | 225      | 258      | 225      | 14.81  | cps   |
| Molybdenum | 98-1  | 400      | 575      | 575      | 517      | 19.56  | cps   |
| Neodymium  | 150-1 | 80       | 73       | 107      | 87       | 20.35  | cps   |
| Neodymium  | 150-2 | 33       | 20       | 27       | 27       | 24.99  | cps   |
| Nickel     | 60-2  | 12722    | 12692    | 12672    | 12696    | 0.20   | cps   |
| Phosphorus | 31-2  | 6844     | 6985     | 6602     | 6810     | 2.85   | cps   |
| Potassium  | 39-2  | 264203   | 265153   | 266993   | 265450   | 0.53   | cps   |
| Rhodium    | 103-1 | 12619319 | 12574933 | 12603575 | 12599276 | 0.18   | cps   |
| Rhodium    | 103-2 | 6238521  | 6281483  | 6221632  | 6247212  | 0.49   | cps   |
| Scandium   | 45-1  | 8504169  | 8390824  | 8400165  | 8431719  | 0.75   | cps   |
| Scandium   | 45-2  | 427535   | 433122   | 431527   | 430728   | 0.67   | cps   |
| Selenium   | 77-2  | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 102      | 104      | 109      | 105      | 3.67   | cps   |
| Selenium   | 82-1  | 126      | -66      | 137      | 66       | 173.77 | cps   |
| Silicon    | 28-1  | 9029642  | 9014909  | 8980059  | 9008203  | 0.28   | cps   |
| Silver     | 109-1 | 358      | 425      | 383      | 389      | 8.66   | cps   |
| Silver     | 107-1 | 283      | 350      | 367      | 333      | 13.23  | cps   |
| Sodium     | 23-2  | 8573021  | 8524001  | 8450237  | 8515753  | 0.73   | cps   |
| Strontium  | 86-1  | 98059    | 95977    | 96397    | 96811    | 1.14   | cps   |
| Strontium  | 88-1  | 841203   | 826362   | 829787   | 832451   | 0.93   | cps   |
| Sulfur     | 34-1  | 545910   | 547542   | 536927   | 543460   | 1.05   | cps   |
| Terbium    | 159-1 | 17867236 | 17802202 | 17675273 | 17781570 | 0.55   | cps   |
| Terbium    | 159-2 | 9025768  | 9048988  | 9112746  | 9062501  | 0.50   | cps   |
| Thallium   | 203-1 | 308      | 408      | 417      | 378      | 15.96  | cps   |
| Thallium   | 205-1 | 892      | 900      | 883      | 892      | 0.93   | cps   |
| Tin        | 118-1 | 1050     | 983      | 833      | 956      | 11.61  | cps   |
| Titanium   | 47-1  | 1008     | 967      | 1083     | 1020     | 5.80   | cps   |
| Uranium    | 238-1 | 633      | 592      | 458      | 561      | 16.29  | cps   |
| Vanadium   | 51-2  | 253      | 270      | 327      | 283      | 13.57  | cps   |
| Yttrium    | 89-1  | 13713677 | 13472966 | 13527738 | 13571460 | 0.93   | cps   |
| Yttrium    | 89-2  | 2151959  | 2160573  | 2156720  | 2156417  | 0.20   | cps   |
| Zinc       | 66-2  | 164775   | 166470   | 166700   | 165982   | 0.63   | cps   |
| Zirconium  | 90-1  | 1350     | 1092     | 1325     | 1256     | 11.35  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-64-FL2-CL303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:30:33  | DataFile Name :   | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 258  | 325  | 317     | 17.26  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-65-FL2-CL303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:33:57  | DataFile Name :   | 099SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1442     | 1525     | 1592     | 1520     | 4.95   | cps   |
| Antimony   | 121-1 | 817      | 825      | 742      | 795      | 5.78   | cps   |
| Arsenic    | 75-2  | 189      | 213      | 150      | 184      | 17.27  | cps   |
| Barium     | 135-1 | 68243    | 69541    | 67205    | 68330    | 1.71   | cps   |
| Barium     | 137-1 | 120084   | 120065   | 118569   | 119573   | 0.73   | cps   |
| Beryllium  | 9-1   | 39       | 28       | 22       | 30       | 28.65  | cps   |
| Bismuth    | 209-1 | 11479560 | 11520944 | 11405712 | 11468739 | 0.51   | cps   |
| Bismuth    | 209-2 | 7091451  | 7178503  | 7115090  | 7128348  | 0.63   | cps   |
| Boron      | 10-1  | 1408     | 1692     | 1734     | 1611     | 10.98  | cps   |
| Boron      | 11-1  | 7877     | 8461     | 8353     | 8230     | 3.77   | cps   |
| Cadmium    | 111-1 | 2489     | 2519     | 2508     | 2505     | 0.60   | cps   |
| Cadmium    | 106-1 | 3517     | 3559     | 3576     | 3551     | 0.85   | cps   |
| Cadmium    | 108-1 | 21       | 8        | 29       | 19       | 53.95  | cps   |
| Calcium    | 43-1  | 266452   | 260778   | 257681   | 261637   | 1.70   | cps   |
| Calcium    | 44-1  | 4359369  | 4336659  | 4300452  | 4332160  | 0.69   | cps   |
| Chromium   | 52-2  | 1823     | 1760     | 1667     | 1750     | 4.50   | cps   |
| Cobalt     | 59-2  | 227      | 230      | 230      | 229      | 0.84   | cps   |
| Copper     | 63-2  | 484373   | 483970   | 481964   | 483436   | 0.27   | cps   |
| Dysprosium | 156-1 | 33       | 67       | 67       | 56       | 34.65  | cps   |
| Dysprosium | 156-2 | 33       | 53       | 37       | 41       | 26.06  | cps   |
| Erbium     | 164-1 | 167      | 217      | 133      | 172      | 24.36  | cps   |
| Erbium     | 164-2 | 67       | 47       | 33       | 49       | 34.32  | cps   |
| Gadolinium | 160-1 | 192      | 200      | 200      | 197      | 2.44   | cps   |
| Gadolinium | 160-2 | 173      | 223      | 147      | 181      | 21.49  | cps   |
| Holmium    | 165-1 | 17636717 | 17580605 | 17484183 | 17567168 | 0.44   | cps   |
| Holmium    | 165-2 | 9084819  | 9149142  | 9082796  | 9105586  | 0.41   | cps   |
| Indium     | 115-1 | 13399138 | 13404327 | 13182103 | 13328523 | 0.95   | cps   |
| Indium     | 115-2 | 2782263  | 2784902  | 2750230  | 2772465  | 0.70   | cps   |
| Iron       | 56-2  | 111119   | 111560   | 114441   | 112373   | 1.61   | cps   |
| Iron       | 57-2  | 3467     | 3734     | 3589     | 3597     | 3.72   | cps   |
| Lead       | 206-1 | 3862     | 3701     | 3439     | 3667     | 5.81   | cps   |
| Lead       | 207-1 | 3006     | 3189     | 3150     | 3115     | 3.10   | cps   |
| Lead       | 208-1 | 14559    | 14704    | 13987    | 14416    | 2.63   | cps   |
| Lithium    | 6-1   | 1872898  | 1865849  | 1857197  | 1865315  | 0.42   | cps   |
| Magnesium  | 24-2  | 513376   | 515458   | 515573   | 514802   | 0.24   | cps   |
| Manganese  | 55-2  | 45266    | 46293    | 45805    | 45788    | 1.12   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-28 Instrumnet Name : P7  
 Client Sample ID : DC24741-65-FL2-CL303 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:33:57 DataFile Name : 099SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 642      | 625      | 733      | 667      | 8.75    | cps   |
| Molybdenum | 95-1  | 208      | 275      | 308      | 264      | 19.29   | cps   |
| Molybdenum | 96-1  | 483      | 508      | 483      | 492      | 2.94    | cps   |
| Molybdenum | 97-1  | 292      | 267      | 233      | 264      | 11.09   | cps   |
| Molybdenum | 98-1  | 542      | 442      | 558      | 514      | 12.28   | cps   |
| Neodymium  | 150-1 | 93       | 53       | 107      | 84       | 32.86   | cps   |
| Neodymium  | 150-2 | 23       | 7        | 37       | 22       | 67.63   | cps   |
| Nickel     | 60-2  | 1147     | 1223     | 1243     | 1205     | 4.24    | cps   |
| Phosphorus | 31-2  | 7302     | 7310     | 7627     | 7413     | 2.50    | cps   |
| Potassium  | 39-2  | 261558   | 261279   | 260807   | 261215   | 0.15    | cps   |
| Rhodium    | 103-1 | 12562498 | 12663159 | 12525075 | 12583577 | 0.57    | cps   |
| Rhodium    | 103-2 | 6238911  | 6201005  | 6146548  | 6195488  | 0.75    | cps   |
| Scandium   | 45-1  | 8378486  | 8432332  | 8281201  | 8364007  | 0.92    | cps   |
| Scandium   | 45-2  | 434183   | 430363   | 430481   | 431676   | 0.50    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 111      | 139      | 102      | 117      | 16.44   | cps   |
| Selenium   | 82-1  | -57      | 178      | -80      | 14       | 1053.04 | cps   |
| Silicon    | 28-1  | 8953102  | 8979605  | 8900091  | 8944266  | 0.45    | cps   |
| Silver     | 109-1 | 125      | 133      | 142      | 133      | 6.25    | cps   |
| Silver     | 107-1 | 233      | 225      | 208      | 222      | 5.73    | cps   |
| Sodium     | 23-2  | 8585301  | 8584396  | 8590808  | 8586835  | 0.04    | cps   |
| Strontium  | 86-1  | 96440    | 95492    | 94242    | 95391    | 1.16    | cps   |
| Strontium  | 88-1  | 836666   | 838084   | 831534   | 835428   | 0.41    | cps   |
| Sulfur     | 34-1  | 548718   | 547746   | 540622   | 545696   | 0.81    | cps   |
| Terbium    | 159-1 | 17966304 | 18003643 | 17825500 | 17931815 | 0.52    | cps   |
| Terbium    | 159-2 | 9188078  | 9189642  | 9089254  | 9155658  | 0.63    | cps   |
| Thallium   | 203-1 | 350      | 342      | 350      | 347      | 1.39    | cps   |
| Thallium   | 205-1 | 800      | 850      | 883      | 845      | 4.97    | cps   |
| Tin        | 118-1 | 775      | 667      | 700      | 714      | 7.77    | cps   |
| Titanium   | 47-1  | 967      | 1075     | 908      | 983      | 8.60    | cps   |
| Uranium    | 238-1 | 633      | 767      | 817      | 739      | 12.83   | cps   |
| Vanadium   | 51-2  | 227      | 247      | 290      | 254      | 12.73   | cps   |
| Yttrium    | 89-1  | 13673064 | 13692983 | 13633548 | 13666531 | 0.22    | cps   |
| Yttrium    | 89-2  | 2168780  | 2165054  | 2142009  | 2158615  | 0.67    | cps   |
| Zinc       | 66-2  | 17311    | 17084    | 18155    | 17516    | 3.22    | cps   |
| Zirconium  | 90-1  | 1458     | 1308     | 1450     | 1406     | 6.00    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-65-FL2-CL303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:33:57  | DataFile Name :   | 099SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 208  | 300  | 261     | 18.15  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV72               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV72               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:37:21 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 758      | 692      | 758      | 736      | 5.23   | cps   |
| Antimony   | 121-1 | 100      | 100      | 142      | 114      | 21.12  | cps   |
| Arsenic    | 75-2  | 11       | 17       | 13       | 14       | 20.85  | cps   |
| Barium     | 135-1 | 67       | 75       | 42       | 61       | 28.38  | cps   |
| Barium     | 137-1 | 150      | 133      | 117      | 133      | 12.50  | cps   |
| Beryllium  | 9-1   | 17       | 11       | 17       | 15       | 21.67  | cps   |
| Bismuth    | 209-1 | 10795090 | 10709750 | 10903021 | 10802620 | 0.90   | cps   |
| Bismuth    | 209-2 | 6528236  | 6556206  | 6575306  | 6553249  | 0.36   | cps   |
| Boron      | 10-1  | 492      | 408      | 400      | 433      | 11.70  | cps   |
| Boron      | 11-1  | 1767     | 2109     | 1800     | 1892     | 9.96   | cps   |
| Cadmium    | 111-1 | 2459     | 2072     | 2247     | 2259     | 8.57   | cps   |
| Cadmium    | 106-1 | 3509     | 2959     | 3201     | 3223     | 8.56   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 8        | 11       | 43.34  | cps   |
| Calcium    | 43-1  | 2592     | 2484     | 2425     | 2500     | 3.38   | cps   |
| Calcium    | 44-1  | 52427    | 52503    | 52595    | 52508    | 0.16   | cps   |
| Chromium   | 52-2  | 1800     | 1763     | 1807     | 1790     | 1.30   | cps   |
| Cobalt     | 59-2  | 107      | 117      | 117      | 113      | 5.09   | cps   |
| Copper     | 63-2  | 1563     | 1510     | 1640     | 1571     | 4.16   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 17       | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Erbium     | 164-1 | 83       | 92       | 92       | 89       | 5.41   | cps   |
| Erbium     | 164-2 | 13       | 33       | 33       | 27       | 43.31  | cps   |
| Gadolinium | 160-1 | 175      | 175      | 100      | 150      | 28.87  | cps   |
| Gadolinium | 160-2 | 130      | 117      | 173      | 140      | 21.16  | cps   |
| Holmium    | 165-1 | 16354147 | 16326511 | 16338140 | 16339599 | 0.08   | cps   |
| Holmium    | 165-2 | 8596339  | 8685802  | 8522460  | 8601533  | 0.95   | cps   |
| Indium     | 115-1 | 12655478 | 12391149 | 12440496 | 12495707 | 1.12   | cps   |
| Indium     | 115-2 | 2654420  | 2640039  | 2655673  | 2650044  | 0.33   | cps   |
| Iron       | 56-2  | 8658     | 8864     | 8525     | 8682     | 1.97   | cps   |
| Iron       | 57-2  | 467      | 356      | 333      | 385      | 18.55  | cps   |
| Lead       | 206-1 | 7302543  | 7281735  | 7321733  | 7302004  | 0.27   | cps   |
| Lead       | 207-1 | 6619187  | 6350640  | 6705529  | 6558452  | 2.82   | cps   |
| Lead       | 208-1 | 29631695 | 29157153 | 29908805 | 29565884 | 1.29   | cps   |
| Lithium    | 6-1   | 1728225  | 1708183  | 1709224  | 1715211  | 0.66   | cps   |
| Magnesium  | 24-2  | 758      | 642      | 708      | 703      | 8.33   | cps   |
| Manganese  | 55-2  | 287      | 223      | 310      | 273      | 16.41  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV72               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV72               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:37:21 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 267      | 400      | 483      | 383      | 28.51  | cps   |
| Molybdenum | 95-1  | 192      | 117      | 217      | 175      | 29.74  | cps   |
| Molybdenum | 96-1  | 200      | 208      | 192      | 200      | 4.16   | cps   |
| Molybdenum | 97-1  | 208      | 167      | 175      | 183      | 12.02  | cps   |
| Molybdenum | 98-1  | 225      | 250      | 250      | 242      | 5.97   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 13       | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 13       | 3        | 7        | 86.65  | cps   |
| Nickel     | 60-2  | 100      | 157      | 97       | 118      | 28.63  | cps   |
| Phosphorus | 31-2  | 275      | 225      | 258      | 253      | 10.07  | cps   |
| Potassium  | 39-2  | 42913    | 42595    | 41943    | 42484    | 1.16   | cps   |
| Rhodium    | 103-1 | 12006916 | 11980942 | 11832208 | 11940022 | 0.79   | cps   |
| Rhodium    | 103-2 | 5825741  | 5846383  | 5828960  | 5833695  | 0.19   | cps   |
| Scandium   | 45-1  | 7826839  | 7895429  | 7773259  | 7831842  | 0.78   | cps   |
| Scandium   | 45-2  | 411014   | 407949   | 411269   | 410077   | 0.45   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 89       | 104      | 115      | 102      | 12.70  | cps   |
| Selenium   | 82-1  | -5       | 114      | 15       | 41       | 154.96 | cps   |
| Silicon    | 28-1  | 549937   | 552726   | 553094   | 551919   | 0.31   | cps   |
| Silver     | 109-1 | 100      | 100      | 133      | 111      | 17.32  | cps   |
| Silver     | 107-1 | 217      | 133      | 133      | 161      | 29.86  | cps   |
| Sodium     | 23-2  | 42410    | 41141    | 40865    | 41472    | 1.99   | cps   |
| Strontium  | 86-1  | 1767     | 1659     | 1633     | 1686     | 4.20   | cps   |
| Strontium  | 88-1  | 1659     | 1575     | 1667     | 1633     | 3.10   | cps   |
| Sulfur     | 34-1  | 444551   | 440247   | 449172   | 444657   | 1.00   | cps   |
| Terbium    | 159-1 | 16756510 | 16889151 | 16683655 | 16776439 | 0.62   | cps   |
| Terbium    | 159-2 | 8707471  | 8578350  | 8604441  | 8630087  | 0.79   | cps   |
| Thallium   | 203-1 | 383      | 358      | 367      | 369      | 3.45   | cps   |
| Thallium   | 205-1 | 933      | 933      | 950      | 939      | 1.03   | cps   |
| Tin        | 118-1 | 1167     | 1125     | 1100     | 1131     | 2.98   | cps   |
| Titanium   | 47-1  | 292      | 175      | 200      | 222      | 27.64  | cps   |
| Uranium    | 238-1 | 292      | 367      | 375      | 344      | 13.33  | cps   |
| Vanadium   | 51-2  | 47       | 60       | 57       | 54       | 12.74  | cps   |
| Yttrium    | 89-1  | 12835736 | 12843359 | 12695653 | 12791583 | 0.65   | cps   |
| Yttrium    | 89-2  | 2061528  | 2057585  | 2055124  | 2058079  | 0.16   | cps   |
| Zinc       | 66-2  | 1277     | 1123     | 1270     | 1223     | 7.08   | cps   |
| Zirconium  | 90-1  | 725      | 683      | 883      | 764      | 13.82  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV72               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV72               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:37:21 | DataFile Name :   | 100SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 108  | 150  | 167     | 40.93  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB72               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB72               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:40:46 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 342      | 350      | 233      | 308      | 21.11  | cps   |
| Antimony   | 121-1 | 58       | 67       | 108      | 78       | 34.44  | cps   |
| Arsenic    | 75-2  | 9        | 6        | 9        | 8        | 26.61  | cps   |
| Barium     | 135-1 | 33       | 75       | 67       | 58       | 37.81  | cps   |
| Barium     | 137-1 | 33       | 92       | 175      | 100      | 71.20  | cps   |
| Beryllium  | 9-1   | 6        | 17       | 22       | 15       | 57.25  | cps   |
| Bismuth    | 209-1 | 10671927 | 10773701 | 10778834 | 10741487 | 0.56   | cps   |
| Bismuth    | 209-2 | 6458738  | 6467867  | 6529529  | 6485378  | 0.59   | cps   |
| Boron      | 10-1  | 325      | 317      | 242      | 294      | 15.59  | cps   |
| Boron      | 11-1  | 1392     | 1400     | 1342     | 1378     | 2.29   | cps   |
| Cadmium    | 111-1 | 2248     | 2233     | 2131     | 2204     | 2.90   | cps   |
| Cadmium    | 106-1 | 3192     | 3201     | 3050     | 3148     | 2.68   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 13       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 442      | 408      | 467      | 439      | 6.67   | cps   |
| Calcium    | 44-1  | 16769    | 17119    | 17002    | 16963    | 1.05   | cps   |
| Chromium   | 52-2  | 1847     | 1747     | 1737     | 1777     | 3.42   | cps   |
| Cobalt     | 59-2  | 93       | 107      | 93       | 98       | 7.87   | cps   |
| Copper     | 63-2  | 1307     | 1300     | 1243     | 1283     | 2.71   | cps   |
| Dysprosium | 156-1 | 8        | 25       | 33       | 22       | 57.29  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 67       | 42       | 25       | 44       | 47.19  | cps   |
| Erbium     | 164-2 | 10       | 33       | 30       | 24       | 51.62  | cps   |
| Gadolinium | 160-1 | 108      | 142      | 175      | 142      | 23.53  | cps   |
| Gadolinium | 160-2 | 137      | 147      | 107      | 130      | 16.01  | cps   |
| Holmium    | 165-1 | 16158554 | 16261026 | 16135331 | 16184970 | 0.41   | cps   |
| Holmium    | 165-2 | 8608932  | 8561782  | 8651495  | 8607403  | 0.52   | cps   |
| Indium     | 115-1 | 12352075 | 12419916 | 12398824 | 12390272 | 0.28   | cps   |
| Indium     | 115-2 | 2615385  | 2620353  | 2636947  | 2624228  | 0.43   | cps   |
| Iron       | 56-2  | 5329     | 5924     | 5562     | 5605     | 5.35   | cps   |
| Iron       | 57-2  | 333      | 317      | 322      | 324      | 2.62   | cps   |
| Lead       | 206-1 | 1289     | 1367     | 1122     | 1259     | 9.92   | cps   |
| Lead       | 207-1 | 1050     | 928      | 1089     | 1022     | 8.22   | cps   |
| Lead       | 208-1 | 4912     | 4873     | 4589     | 4791     | 3.67   | cps   |
| Lithium    | 6-1   | 1713878  | 1714456  | 1704497  | 1710944  | 0.33   | cps   |
| Magnesium  | 24-2  | 433      | 408      | 417      | 419      | 3.03   | cps   |
| Manganese  | 55-2  | 70       | 70       | 70       | 70       | 0.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB72               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB72               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:40:46 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 200      | 217      | 292      | 236      | 20.68  | cps   |
| Molybdenum | 95-1  | 17       | 58       | 33       | 36       | 58.08  | cps   |
| Molybdenum | 96-1  | 117      | 125      | 100      | 114      | 11.18  | cps   |
| Molybdenum | 97-1  | 117      | 67       | 67       | 83       | 34.64  | cps   |
| Molybdenum | 98-1  | 42       | 50       | 58       | 50       | 16.67  | cps   |
| Neodymium  | 150-1 | 13       | 0        | 7        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 83       | 60       | 67       | 70       | 17.17  | cps   |
| Phosphorus | 31-2  | 342      | 292      | 175      | 269      | 31.74  | cps   |
| Potassium  | 39-2  | 41041    | 40298    | 41676    | 41005    | 1.68   | cps   |
| Rhodium    | 103-1 | 11752080 | 11872634 | 11793325 | 11806013 | 0.52   | cps   |
| Rhodium    | 103-2 | 5758161  | 5775423  | 5788776  | 5774120  | 0.27   | cps   |
| Scandium   | 45-1  | 7836379  | 7798725  | 7858407  | 7831171  | 0.39   | cps   |
| Scandium   | 45-2  | 405547   | 402242   | 409279   | 405689   | 0.87   | cps   |
| Selenium   | 77-2  | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 128      | 98       | 104      | 110      | 14.33  | cps   |
| Selenium   | 82-1  | 62       | 46       | 2        | 36       | 84.55  | cps   |
| Silicon    | 28-1  | 544036   | 547913   | 544687   | 545545   | 0.38   | cps   |
| Silver     | 109-1 | 100      | 67       | 83       | 83       | 20.00  | cps   |
| Silver     | 107-1 | 117      | 75       | 125      | 106      | 25.38  | cps   |
| Sodium     | 23-2  | 40414    | 40698    | 39670    | 40261    | 1.32   | cps   |
| Strontium  | 86-1  | 1592     | 1692     | 1700     | 1661     | 3.63   | cps   |
| Strontium  | 88-1  | 1367     | 1475     | 1642     | 1495     | 9.27   | cps   |
| Sulfur     | 34-1  | 428989   | 434792   | 431983   | 431922   | 0.67   | cps   |
| Terbium    | 159-1 | 16420893 | 16563012 | 16768341 | 16584082 | 1.05   | cps   |
| Terbium    | 159-2 | 8516190  | 8625312  | 8502596  | 8548033  | 0.79   | cps   |
| Thallium   | 203-1 | 167      | 217      | 217      | 200      | 14.43  | cps   |
| Thallium   | 205-1 | 700      | 383      | 608      | 564      | 28.90  | cps   |
| Tin        | 118-1 | 1450     | 1425     | 1417     | 1431     | 1.21   | cps   |
| Titanium   | 47-1  | 192      | 200      | 175      | 189      | 6.74   | cps   |
| Uranium    | 238-1 | 92       | 100      | 67       | 86       | 20.15  | cps   |
| Vanadium   | 51-2  | 20       | 13       | 30       | 21       | 39.75  | cps   |
| Yttrium    | 89-1  | 12736706 | 12730112 | 12721941 | 12729586 | 0.06   | cps   |
| Yttrium    | 89-2  | 2031846  | 2035530  | 2038186  | 2035187  | 0.16   | cps   |
| Zinc       | 66-2  | 157      | 173      | 130      | 153      | 14.26  | cps   |
| Zirconium  | 90-1  | 817      | 783      | 667      | 756      | 10.42  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB72               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB72               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:40:46 | DataFile Name :   | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 158  | 133  | 161     | 18.17  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-29 Instrumnet Name : P7  
 Client Sample ID : DC24741-66-FL2-BR303 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:44:12 DataFile Name : 102SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4752     | 4376     | 4284     | 4471     | 5.54   | cps   |
| Antimony   | 121-1 | 1100     | 1058     | 1083     | 1081     | 1.94   | cps   |
| Arsenic    | 75-2  | 215      | 185      | 169      | 190      | 12.37  | cps   |
| Barium     | 135-1 | 73252    | 71467    | 73462    | 72727    | 1.51   | cps   |
| Barium     | 137-1 | 126834   | 126691   | 125353   | 126293   | 0.65   | cps   |
| Beryllium  | 9-1   | 17       | 39       | 17       | 24       | 53.28  | cps   |
| Bismuth    | 209-1 | 11431603 | 11364948 | 11326434 | 11374328 | 0.47   | cps   |
| Bismuth    | 209-2 | 7044089  | 6996611  | 6990782  | 7010494  | 0.42   | cps   |
| Boron      | 10-1  | 1475     | 1433     | 1625     | 1511     | 6.67   | cps   |
| Boron      | 11-1  | 7727     | 7811     | 7477     | 7672     | 2.26   | cps   |
| Cadmium    | 111-1 | 2467     | 2414     | 2330     | 2403     | 2.88   | cps   |
| Cadmium    | 106-1 | 3417     | 3376     | 3259     | 3351     | 2.45   | cps   |
| Cadmium    | 108-1 | 13       | 4        | 8        | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 263931   | 264105   | 267273   | 265103   | 0.71   | cps   |
| Calcium    | 44-1  | 4421897  | 4390694  | 4391053  | 4401215  | 0.41   | cps   |
| Chromium   | 52-2  | 4117     | 4271     | 4024     | 4137     | 3.01   | cps   |
| Cobalt     | 59-2  | 293      | 317      | 287      | 299      | 5.27   | cps   |
| Copper     | 63-2  | 861329   | 863711   | 868790   | 864610   | 0.44   | cps   |
| Dysprosium | 156-1 | 50       | 83       | 100      | 78       | 32.74  | cps   |
| Dysprosium | 156-2 | 57       | 60       | 57       | 58       | 3.33   | cps   |
| Erbium     | 164-1 | 200      | 125      | 142      | 156      | 25.32  | cps   |
| Erbium     | 164-2 | 77       | 77       | 70       | 74       | 5.17   | cps   |
| Gadolinium | 160-1 | 217      | 175      | 242      | 211      | 15.95  | cps   |
| Gadolinium | 160-2 | 163      | 190      | 197      | 183      | 9.62   | cps   |
| Holmium    | 165-1 | 17326093 | 17298210 | 17445570 | 17356624 | 0.45   | cps   |
| Holmium    | 165-2 | 8971361  | 9021470  | 9031012  | 9007948  | 0.36   | cps   |
| Indium     | 115-1 | 13423640 | 13288152 | 13149535 | 13287109 | 1.03   | cps   |
| Indium     | 115-2 | 2771976  | 2790301  | 2747694  | 2769991  | 0.77   | cps   |
| Iron       | 56-2  | 137106   | 135446   | 135503   | 136018   | 0.69   | cps   |
| Iron       | 57-2  | 4101     | 4045     | 3928     | 4025     | 2.18   | cps   |
| Lead       | 206-1 | 27440    | 26677    | 27328    | 27148    | 1.52   | cps   |
| Lead       | 207-1 | 23332    | 22859    | 21963    | 22718    | 3.06   | cps   |
| Lead       | 208-1 | 106043   | 104038   | 104545   | 104875   | 0.99   | cps   |
| Lithium    | 6-1   | 1816289  | 1810236  | 1796417  | 1807647  | 0.56   | cps   |
| Magnesium  | 24-2  | 516447   | 516730   | 512633   | 515270   | 0.44   | cps   |
| Manganese  | 55-2  | 53490    | 53714    | 54270    | 53825    | 0.75   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-29 Instrumnet Name : P7  
 Client Sample ID : DC24741-66-FL2-BR303 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:44:12 DataFile Name : 102SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 667      | 775      | 775      | 739      | 8.47   | cps   |
| Molybdenum | 95-1  | 233      | 350      | 350      | 311      | 21.65  | cps   |
| Molybdenum | 96-1  | 475      | 475      | 375      | 442      | 13.07  | cps   |
| Molybdenum | 97-1  | 417      | 183      | 250      | 283      | 42.42  | cps   |
| Molybdenum | 98-1  | 425      | 583      | 417      | 475      | 19.77  | cps   |
| Neodymium  | 150-1 | 87       | 93       | 87       | 89       | 4.33   | cps   |
| Neodymium  | 150-2 | 17       | 30       | 43       | 30       | 44.43  | cps   |
| Nickel     | 60-2  | 5011     | 5281     | 5264     | 5185     | 2.92   | cps   |
| Phosphorus | 31-2  | 7144     | 7394     | 7277     | 7272     | 1.72   | cps   |
| Potassium  | 39-2  | 271287   | 277073   | 276633   | 274998   | 1.17   | cps   |
| Rhodium    | 103-1 | 12568558 | 12425159 | 12410917 | 12468211 | 0.70   | cps   |
| Rhodium    | 103-2 | 6145639  | 6198085  | 6128082  | 6157269  | 0.59   | cps   |
| Scandium   | 45-1  | 8405951  | 8294329  | 8302413  | 8334231  | 0.75   | cps   |
| Scandium   | 45-2  | 428657   | 426857   | 430300   | 428605   | 0.40   | cps   |
| Selenium   | 77-2  | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 113      | 93       | 120      | 109      | 13.24  | cps   |
| Selenium   | 82-1  | 86       | -47      | 1        | 13       | 505.91 | cps   |
| Silicon    | 28-1  | 8813167  | 8766106  | 8734457  | 8771243  | 0.45   | cps   |
| Silver     | 109-1 | 267      | 308      | 258      | 278      | 9.64   | cps   |
| Silver     | 107-1 | 350      | 317      | 325      | 331      | 5.25   | cps   |
| Sodium     | 23-2  | 8451982  | 8467060  | 8527079  | 8482041  | 0.47   | cps   |
| Strontium  | 86-1  | 95961    | 97756    | 97387    | 97035    | 0.98   | cps   |
| Strontium  | 88-1  | 844976   | 842330   | 838472   | 841926   | 0.39   | cps   |
| Sulfur     | 34-1  | 521365   | 531281   | 520008   | 524218   | 1.17   | cps   |
| Terbium    | 159-1 | 17913655 | 17735843 | 17760787 | 17803428 | 0.54   | cps   |
| Terbium    | 159-2 | 9054094  | 9012250  | 9044813  | 9037052  | 0.24   | cps   |
| Thallium   | 203-1 | 317      | 242      | 250      | 269      | 15.26  | cps   |
| Thallium   | 205-1 | 683      | 617      | 783      | 695      | 12.08  | cps   |
| Tin        | 118-1 | 667      | 783      | 742      | 731      | 8.09   | cps   |
| Titanium   | 47-1  | 1167     | 933      | 1133     | 1078     | 11.71  | cps   |
| Uranium    | 238-1 | 800      | 608      | 742      | 717      | 13.71  | cps   |
| Vanadium   | 51-2  | 270      | 270      | 273      | 271      | 0.71   | cps   |
| Yttrium    | 89-1  | 13557357 | 13664039 | 13406721 | 13542706 | 0.95   | cps   |
| Yttrium    | 89-2  | 2161870  | 2150279  | 2152283  | 2154811  | 0.29   | cps   |
| Zinc       | 66-2  | 110249   | 110061   | 110460   | 110257   | 0.18   | cps   |
| Zirconium  | 90-1  | 1675     | 1525     | 1358     | 1520     | 10.43  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-66-FL2-BR303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:44:12  | DataFile Name :   | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 458  | 308  | 242  | 336     | 33.02  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-67-FL2-BR303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:47:36  | DataFile Name :   | 103SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1967     | 1900     | 1859     | 1909     | 2.86   | cps   |
| Antimony   | 121-1 | 650      | 908      | 675      | 744      | 19.14  | cps   |
| Arsenic    | 75-2  | 193      | 183      | 215      | 197      | 8.22   | cps   |
| Barium     | 135-1 | 71058    | 68210    | 68477    | 69248    | 2.27   | cps   |
| Barium     | 137-1 | 120570   | 119435   | 119511   | 119839   | 0.53   | cps   |
| Beryllium  | 9-1   | 72       | 33       | 28       | 44       | 54.48  | cps   |
| Bismuth    | 209-1 | 11369986 | 11279858 | 11222457 | 11290767 | 0.66   | cps   |
| Bismuth    | 209-2 | 6974291  | 7117255  | 7073908  | 7055151  | 1.04   | cps   |
| Boron      | 10-1  | 1500     | 1600     | 1458     | 1520     | 4.79   | cps   |
| Boron      | 11-1  | 8094     | 7435     | 7310     | 7613     | 5.53   | cps   |
| Cadmium    | 111-1 | 2373     | 2316     | 2215     | 2301     | 3.48   | cps   |
| Cadmium    | 106-1 | 3367     | 3267     | 3117     | 3251     | 3.87   | cps   |
| Cadmium    | 108-1 | 25       | 13       | 13       | 17       | 43.30  | cps   |
| Calcium    | 43-1  | 259507   | 255532   | 256716   | 257251   | 0.79   | cps   |
| Calcium    | 44-1  | 4289357  | 4246249  | 4271537  | 4269048  | 0.51   | cps   |
| Chromium   | 52-2  | 1907     | 1880     | 2040     | 1942     | 4.41   | cps   |
| Cobalt     | 59-2  | 190      | 237      | 190      | 206      | 13.11  | cps   |
| Copper     | 63-2  | 704669   | 706896   | 709054   | 706873   | 0.31   | cps   |
| Dysprosium | 156-1 | 108      | 58       | 92       | 86       | 29.56  | cps   |
| Dysprosium | 156-2 | 63       | 33       | 57       | 51       | 30.82  | cps   |
| Erbium     | 164-1 | 158      | 158      | 183      | 167      | 8.66   | cps   |
| Erbium     | 164-2 | 60       | 90       | 53       | 68       | 28.82  | cps   |
| Gadolinium | 160-1 | 275      | 133      | 150      | 186      | 41.61  | cps   |
| Gadolinium | 160-2 | 183      | 203      | 157      | 181      | 12.93  | cps   |
| Holmium    | 165-1 | 17401602 | 17191687 | 17134238 | 17242509 | 0.82   | cps   |
| Holmium    | 165-2 | 8921068  | 9081285  | 9108435  | 9036929  | 1.12   | cps   |
| Indium     | 115-1 | 13299278 | 12953343 | 13164584 | 13139069 | 1.33   | cps   |
| Indium     | 115-2 | 2754140  | 2770422  | 2765746  | 2763436  | 0.30   | cps   |
| Iron       | 56-2  | 117041   | 116267   | 115848   | 116385   | 0.52   | cps   |
| Iron       | 57-2  | 3428     | 3756     | 3578     | 3588     | 4.58   | cps   |
| Lead       | 206-1 | 4651     | 4857     | 4651     | 4719     | 2.52   | cps   |
| Lead       | 207-1 | 4184     | 3979     | 3884     | 4016     | 3.82   | cps   |
| Lead       | 208-1 | 18628    | 18478    | 17966    | 18357    | 1.89   | cps   |
| Lithium    | 6-1   | 1827464  | 1795859  | 1805306  | 1809543  | 0.90   | cps   |
| Magnesium  | 24-2  | 506727   | 510865   | 508127   | 508573   | 0.41   | cps   |
| Manganese  | 55-2  | 48222    | 48085    | 48252    | 48187    | 0.18   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-67-FL2-BR303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:47:36  | DataFile Name :   | 103SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 633      | 675      | 617      | 642      | 4.68   | cps   |
| Molybdenum | 95-1  | 408      | 308      | 333      | 350      | 14.87  | cps   |
| Molybdenum | 96-1  | 533      | 392      | 467      | 464      | 15.28  | cps   |
| Molybdenum | 97-1  | 308      | 292      | 242      | 281      | 12.37  | cps   |
| Molybdenum | 98-1  | 417      | 442      | 508      | 456      | 10.40  | cps   |
| Neodymium  | 150-1 | 133      | 60       | 120      | 104      | 37.40  | cps   |
| Neodymium  | 150-2 | 47       | 27       | 40       | 38       | 26.95  | cps   |
| Nickel     | 60-2  | 930      | 870      | 983      | 928      | 6.11   | cps   |
| Phosphorus | 31-2  | 8061     | 7152     | 7702     | 7638     | 5.99   | cps   |
| Potassium  | 39-2  | 259109   | 260042   | 257923   | 259025   | 0.41   | cps   |
| Rhodium    | 103-1 | 12440609 | 12301118 | 12347804 | 12363177 | 0.57   | cps   |
| Rhodium    | 103-2 | 6125641  | 6147219  | 6214915  | 6162592  | 0.76   | cps   |
| Scandium   | 45-1  | 8284555  | 8239767  | 8311787  | 8278703  | 0.44   | cps   |
| Scandium   | 45-2  | 428753   | 428174   | 426510   | 427812   | 0.27   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 81       | 98       | 102      | 94       | 11.57  | cps   |
| Selenium   | 82-1  | 69       | 167      | 154      | 130      | 41.16  | cps   |
| Silicon    | 28-1  | 8730433  | 8760389  | 8659193  | 8716672  | 0.60   | cps   |
| Silver     | 109-1 | 258      | 175      | 200      | 211      | 20.26  | cps   |
| Silver     | 107-1 | 342      | 200      | 233      | 258      | 28.67  | cps   |
| Sodium     | 23-2  | 8344255  | 8327403  | 8317912  | 8329857  | 0.16   | cps   |
| Strontium  | 86-1  | 94249    | 94804    | 94560    | 94538    | 0.29   | cps   |
| Strontium  | 88-1  | 827103   | 814253   | 823679   | 821678   | 0.81   | cps   |
| Sulfur     | 34-1  | 530340   | 532750   | 526114   | 529735   | 0.63   | cps   |
| Terbium    | 159-1 | 17746426 | 17470164 | 17499196 | 17571928 | 0.86   | cps   |
| Terbium    | 159-2 | 9061128  | 9044008  | 9061626  | 9055587  | 0.11   | cps   |
| Thallium   | 203-1 | 342      | 292      | 425      | 353      | 19.09  | cps   |
| Thallium   | 205-1 | 717      | 733      | 700      | 717      | 2.33   | cps   |
| Tin        | 118-1 | 725      | 642      | 600      | 656      | 9.71   | cps   |
| Titanium   | 47-1  | 1208     | 992      | 1025     | 1075     | 10.85  | cps   |
| Uranium    | 238-1 | 667      | 683      | 750      | 700      | 6.30   | cps   |
| Vanadium   | 51-2  | 273      | 240      | 257      | 257      | 6.49   | cps   |
| Yttrium    | 89-1  | 13619536 | 13336253 | 13327454 | 13427748 | 1.24   | cps   |
| Yttrium    | 89-2  | 2141057  | 2148352  | 2154776  | 2148061  | 0.32   | cps   |
| Zinc       | 66-2  | 15926    | 15986    | 15645    | 15852    | 1.15   | cps   |
| Zirconium  | 90-1  | 1442     | 1433     | 1492     | 1456     | 2.17   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-67-FL2-BR303 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:47:36  | DataFile Name :   | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 417  | 292  | 342     | 19.36  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-31 Instrumnet Name : P7  
 Client Sample ID : DC24741-68-FL2-CL304 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:51:00 DataFile Name : 104SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2652     | 1533     | 1900     | 2028     | 28.10  | cps   |
| Antimony   | 121-1 | 1884     | 1842     | 1859     | 1861     | 1.13   | cps   |
| Arsenic    | 75-2  | 235      | 183      | 180      | 199      | 15.58  | cps   |
| Barium     | 135-1 | 77039    | 74995    | 75371    | 75801    | 1.44   | cps   |
| Barium     | 137-1 | 134487   | 131838   | 129230   | 131852   | 1.99   | cps   |
| Beryllium  | 9-1   | 17       | 33       | 28       | 26       | 32.72  | cps   |
| Bismuth    | 209-1 | 11525517 | 11401127 | 11490350 | 11472331 | 0.56   | cps   |
| Bismuth    | 209-2 | 7042429  | 7011341  | 7141648  | 7065139  | 0.96   | cps   |
| Boron      | 10-1  | 1358     | 1517     | 1608     | 1495     | 8.46   | cps   |
| Boron      | 11-1  | 8077     | 8311     | 7686     | 8025     | 3.94   | cps   |
| Cadmium    | 111-1 | 2470     | 2312     | 2456     | 2413     | 3.64   | cps   |
| Cadmium    | 106-1 | 3417     | 3242     | 3401     | 3353     | 2.88   | cps   |
| Cadmium    | 108-1 | 38       | 29       | 17       | 28       | 37.74  | cps   |
| Calcium    | 43-1  | 271467   | 272095   | 272214   | 271926   | 0.15   | cps   |
| Calcium    | 44-1  | 4522639  | 4494145  | 4460367  | 4492384  | 0.69   | cps   |
| Chromium   | 52-2  | 2247     | 2174     | 2070     | 2164     | 4.10   | cps   |
| Cobalt     | 59-2  | 360      | 373      | 453      | 396      | 12.76  | cps   |
| Copper     | 63-2  | 1141061  | 1147051  | 1139759  | 1142624  | 0.34   | cps   |
| Dysprosium | 156-1 | 75       | 67       | 33       | 58       | 37.80  | cps   |
| Dysprosium | 156-2 | 60       | 70       | 67       | 66       | 7.77   | cps   |
| Erbium     | 164-1 | 233      | 100      | 108      | 147      | 50.73  | cps   |
| Erbium     | 164-2 | 77       | 47       | 67       | 63       | 24.12  | cps   |
| Gadolinium | 160-1 | 158      | 133      | 192      | 161      | 18.17  | cps   |
| Gadolinium | 160-2 | 157      | 160      | 187      | 168      | 9.80   | cps   |
| Holmium    | 165-1 | 17503344 | 17416689 | 17300893 | 17406975 | 0.58   | cps   |
| Holmium    | 165-2 | 9112230  | 9057459  | 8959347  | 9043012  | 0.86   | cps   |
| Indium     | 115-1 | 13407435 | 13142803 | 13351512 | 13300583 | 1.05   | cps   |
| Indium     | 115-2 | 2772683  | 2752196  | 2767588  | 2764155  | 0.39   | cps   |
| Iron       | 56-2  | 102751   | 103966   | 104398   | 103705   | 0.82   | cps   |
| Iron       | 57-2  | 3367     | 3350     | 3595     | 3438     | 3.97   | cps   |
| Lead       | 206-1 | 56933    | 55990    | 56867    | 56597    | 0.93   | cps   |
| Lead       | 207-1 | 46482    | 46460    | 45450    | 46131    | 1.28   | cps   |
| Lead       | 208-1 | 218818   | 217179   | 215233   | 217077   | 0.83   | cps   |
| Lithium    | 6-1   | 1842461  | 1841845  | 1835869  | 1840058  | 0.20   | cps   |
| Magnesium  | 24-2  | 541574   | 537896   | 537515   | 538995   | 0.42   | cps   |
| Manganese  | 55-2  | 48778    | 48550    | 49389    | 48906    | 0.89   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-31             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-68-FL2-CL304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:51:00  | DataFile Name :   | 104SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 667      | 567      | 583      | 606      | 8.85   | cps   |
| Molybdenum | 95-1  | 258      | 358      | 300      | 306      | 16.44  | cps   |
| Molybdenum | 96-1  | 350      | 417      | 408      | 392      | 9.27   | cps   |
| Molybdenum | 97-1  | 258      | 192      | 250      | 233      | 15.57  | cps   |
| Molybdenum | 98-1  | 442      | 275      | 508      | 408      | 29.43  | cps   |
| Neodymium  | 150-1 | 100      | 120      | 80       | 100      | 20.00  | cps   |
| Neodymium  | 150-2 | 23       | 20       | 30       | 24       | 20.83  | cps   |
| Nickel     | 60-2  | 6768     | 6391     | 6558     | 6573     | 2.87   | cps   |
| Phosphorus | 31-2  | 7152     | 6769     | 6435     | 6785     | 5.29   | cps   |
| Potassium  | 39-2  | 265843   | 265325   | 267299   | 266156   | 0.38   | cps   |
| Rhodium    | 103-1 | 12533929 | 12534811 | 12445945 | 12504895 | 0.41   | cps   |
| Rhodium    | 103-2 | 6157748  | 6155046  | 6148138  | 6153644  | 0.08   | cps   |
| Scandium   | 45-1  | 8450481  | 8345569  | 8287411  | 8361154  | 0.99   | cps   |
| Scandium   | 45-2  | 426249   | 427261   | 425831   | 426447   | 0.17   | cps   |
| Selenium   | 77-2  | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Selenium   | 78-2  | 106      | 117      | 120      | 114      | 6.75   | cps   |
| Selenium   | 82-1  | 156      | 54       | -20      | 63       | 139.08 | cps   |
| Silicon    | 28-1  | 8949778  | 8917878  | 8930678  | 8932778  | 0.18   | cps   |
| Silver     | 109-1 | 533      | 658      | 442      | 544      | 19.98  | cps   |
| Silver     | 107-1 | 675      | 583      | 708      | 656      | 9.87   | cps   |
| Sodium     | 23-2  | 8452733  | 8381332  | 8396344  | 8410137  | 0.45   | cps   |
| Strontium  | 86-1  | 100265   | 98545    | 99519    | 99443    | 0.87   | cps   |
| Strontium  | 88-1  | 866860   | 863659   | 857995   | 862838   | 0.52   | cps   |
| Sulfur     | 34-1  | 547269   | 542526   | 544057   | 544617   | 0.44   | cps   |
| Terbium    | 159-1 | 17902994 | 17734539 | 17717793 | 17785109 | 0.58   | cps   |
| Terbium    | 159-2 | 9040697  | 9045022  | 9057319  | 9047679  | 0.10   | cps   |
| Thallium   | 203-1 | 367      | 400      | 408      | 392      | 5.63   | cps   |
| Thallium   | 205-1 | 917      | 675      | 650      | 747      | 19.71  | cps   |
| Tin        | 118-1 | 1092     | 942      | 908      | 981      | 9.96   | cps   |
| Titanium   | 47-1  | 883      | 1008     | 1133     | 1008     | 12.40  | cps   |
| Uranium    | 238-1 | 583      | 617      | 675      | 625      | 7.42   | cps   |
| Vanadium   | 51-2  | 230      | 197      | 327      | 251      | 26.89  | cps   |
| Yttrium    | 89-1  | 13714637 | 13719154 | 13364844 | 13599545 | 1.49   | cps   |
| Yttrium    | 89-2  | 2163023  | 2142243  | 2148866  | 2151378  | 0.49   | cps   |
| Zinc       | 66-2  | 165768   | 165965   | 163440   | 165058   | 0.85   | cps   |
| Zirconium  | 90-1  | 1350     | 1442     | 1492     | 1428     | 5.03   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-31             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-68-FL2-CL304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:51:00  | DataFile Name :   | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 325  | 325  | 167  | 272     | 33.58  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-32 Instrumnet Name : P7  
 Client Sample ID : DC24741-69-FL2-CL304 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:54:24 DataFile Name : 105SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1759     | 1825     | 1784     | 1789     | 1.88   | cps   |
| Antimony   | 121-1 | 867      | 833      | 650      | 783      | 14.89  | cps   |
| Arsenic    | 75-2  | 159      | 191      | 220      | 190      | 16.07  | cps   |
| Barium     | 135-1 | 72900    | 75095    | 73218    | 73737    | 1.61   | cps   |
| Barium     | 137-1 | 128508   | 129246   | 126186   | 127980   | 1.25   | cps   |
| Beryllium  | 9-1   | 17       | 28       | 28       | 24       | 26.64  | cps   |
| Bismuth    | 209-1 | 11636628 | 11559981 | 11609143 | 11601917 | 0.33   | cps   |
| Bismuth    | 209-2 | 7213062  | 7097630  | 7200865  | 7170519  | 0.88   | cps   |
| Boron      | 10-1  | 1700     | 1600     | 1692     | 1664     | 3.33   | cps   |
| Boron      | 11-1  | 8036     | 7886     | 8036     | 7986     | 1.09   | cps   |
| Cadmium    | 111-1 | 2503     | 2222     | 2543     | 2422     | 7.22   | cps   |
| Cadmium    | 106-1 | 3526     | 3151     | 3617     | 3431     | 7.21   | cps   |
| Cadmium    | 108-1 | 4        | 13       | 21       | 13       | 66.64  | cps   |
| Calcium    | 43-1  | 259907   | 263909   | 264245   | 262687   | 0.92   | cps   |
| Calcium    | 44-1  | 4371315  | 4379565  | 4380140  | 4377007  | 0.11   | cps   |
| Chromium   | 52-2  | 2257     | 2230     | 2120     | 2202     | 3.29   | cps   |
| Cobalt     | 59-2  | 243      | 293      | 240      | 259      | 11.54  | cps   |
| Copper     | 63-2  | 885210   | 885432   | 883932   | 884858   | 0.09   | cps   |
| Dysprosium | 156-1 | 92       | 100      | 42       | 78       | 40.56  | cps   |
| Dysprosium | 156-2 | 73       | 40       | 43       | 52       | 35.16  | cps   |
| Erbium     | 164-1 | 158      | 142      | 142      | 147      | 6.54   | cps   |
| Erbium     | 164-2 | 47       | 53       | 100      | 67       | 43.59  | cps   |
| Gadolinium | 160-1 | 283      | 150      | 250      | 228      | 30.46  | cps   |
| Gadolinium | 160-2 | 177      | 180      | 233      | 197      | 16.17  | cps   |
| Holmium    | 165-1 | 17507935 | 17714348 | 17436680 | 17552987 | 0.82   | cps   |
| Holmium    | 165-2 | 9213017  | 9051939  | 9155375  | 9140111  | 0.89   | cps   |
| Indium     | 115-1 | 13430377 | 13366304 | 13435210 | 13410630 | 0.29   | cps   |
| Indium     | 115-2 | 2791548  | 2788254  | 2771966  | 2783923  | 0.38   | cps   |
| Iron       | 56-2  | 107778   | 105963   | 104777   | 106173   | 1.42   | cps   |
| Iron       | 57-2  | 3289     | 3545     | 3073     | 3302     | 7.16   | cps   |
| Lead       | 206-1 | 5646     | 5957     | 5801     | 5801     | 2.68   | cps   |
| Lead       | 207-1 | 4934     | 4684     | 4907     | 4842     | 2.83   | cps   |
| Lead       | 208-1 | 22336    | 22525    | 22897    | 22586    | 1.27   | cps   |
| Lithium    | 6-1   | 1855622  | 1873243  | 1863043  | 1863969  | 0.47   | cps   |
| Magnesium  | 24-2  | 513407   | 511053   | 514702   | 513054   | 0.36   | cps   |
| Manganese  | 55-2  | 46965    | 46219    | 46864    | 46683    | 0.87   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-69-FL2-CL304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:54:24  | DataFile Name :   | 105SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 758      | 675      | 633      | 689      | 9.24   | cps   |
| Molybdenum | 95-1  | 158      | 342      | 317      | 272      | 36.52  | cps   |
| Molybdenum | 96-1  | 467      | 433      | 492      | 464      | 6.31   | cps   |
| Molybdenum | 97-1  | 158      | 225      | 208      | 197      | 17.59  | cps   |
| Molybdenum | 98-1  | 483      | 600      | 450      | 511      | 15.41  | cps   |
| Neodymium  | 150-1 | 67       | 60       | 73       | 67       | 10.00  | cps   |
| Neodymium  | 150-2 | 33       | 57       | 37       | 42       | 29.89  | cps   |
| Nickel     | 60-2  | 4041     | 4027     | 3954     | 4007     | 1.17   | cps   |
| Phosphorus | 31-2  | 7677     | 7794     | 7928     | 7800     | 1.61   | cps   |
| Potassium  | 39-2  | 263725   | 260533   | 261133   | 261797   | 0.65   | cps   |
| Rhodium    | 103-1 | 12714246 | 12588913 | 12683430 | 12662197 | 0.52   | cps   |
| Rhodium    | 103-2 | 6301974  | 6202752  | 6220981  | 6241902  | 0.85   | cps   |
| Scandium   | 45-1  | 8374774  | 8488735  | 8417306  | 8426938  | 0.68   | cps   |
| Scandium   | 45-2  | 434318   | 428061   | 434416   | 432265   | 0.84   | cps   |
| Selenium   | 77-2  | 0        | 10       | 0        | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 104      | 94       | 113      | 104      | 8.92   | cps   |
| Selenium   | 82-1  | 155      | 44       | 47       | 82       | 77.43  | cps   |
| Silicon    | 28-1  | 9020056  | 8768644  | 8795712  | 8861471  | 1.56   | cps   |
| Silver     | 109-1 | 175      | 142      | 183      | 167      | 13.23  | cps   |
| Silver     | 107-1 | 267      | 283      | 342      | 297      | 13.25  | cps   |
| Sodium     | 23-2  | 8481874  | 8529523  | 8456886  | 8489428  | 0.43   | cps   |
| Strontium  | 86-1  | 97312    | 97203    | 96775    | 97097    | 0.29   | cps   |
| Strontium  | 88-1  | 846907   | 840123   | 848223   | 845084   | 0.51   | cps   |
| Sulfur     | 34-1  | 546771   | 543801   | 549294   | 546622   | 0.50   | cps   |
| Terbium    | 159-1 | 18188436 | 17931970 | 17891173 | 18003860 | 0.90   | cps   |
| Terbium    | 159-2 | 9154283  | 9025788  | 9194023  | 9124698  | 0.96   | cps   |
| Thallium   | 203-1 | 350      | 383      | 367      | 367      | 4.54   | cps   |
| Thallium   | 205-1 | 850      | 733      | 842      | 808      | 8.05   | cps   |
| Tin        | 118-1 | 633      | 608      | 733      | 658      | 10.05  | cps   |
| Titanium   | 47-1  | 1192     | 1108     | 917      | 1072     | 13.15  | cps   |
| Uranium    | 238-1 | 583      | 900      | 700      | 728      | 22.01  | cps   |
| Vanadium   | 51-2  | 263      | 263      | 297      | 274      | 7.01   | cps   |
| Yttrium    | 89-1  | 13746481 | 13649509 | 13608249 | 13668079 | 0.52   | cps   |
| Yttrium    | 89-2  | 2176703  | 2175105  | 2181648  | 2177819  | 0.16   | cps   |
| Zinc       | 66-2  | 12779    | 13313    | 13526    | 13206    | 2.91   | cps   |
| Zirconium  | 90-1  | 1617     | 1442     | 1342     | 1467     | 9.49   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-69-FL2-CL304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:54:24  | DataFile Name :   | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 342  | 300  | 317     | 6.96   | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-33 Instrumnet Name : P7  
 Client Sample ID : DC24741-70-FL2-BR304 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 21:57:48 DataFile Name : 106SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2509     | 3034     | 2600     | 2714     | 10.34  | cps   |
| Antimony   | 121-1 | 2050     | 2000     | 2025     | 2025     | 1.24   | cps   |
| Arsenic    | 75-2  | 215      | 183      | 237      | 212      | 12.74  | cps   |
| Barium     | 135-1 | 76938    | 77575    | 76100    | 76871    | 0.96   | cps   |
| Barium     | 137-1 | 131972   | 133739   | 130500   | 132071   | 1.23   | cps   |
| Beryllium  | 9-1   | 28       | 22       | 44       | 31       | 36.74  | cps   |
| Bismuth    | 209-1 | 11405462 | 11399948 | 11405164 | 11403525 | 0.03   | cps   |
| Bismuth    | 209-2 | 7170911  | 7117954  | 7078501  | 7122455  | 0.65   | cps   |
| Boron      | 10-1  | 1567     | 1667     | 1625     | 1620     | 3.10   | cps   |
| Boron      | 11-1  | 8328     | 8745     | 8478     | 8517     | 2.48   | cps   |
| Cadmium    | 111-1 | 2614     | 2465     | 2424     | 2501     | 4.00   | cps   |
| Cadmium    | 106-1 | 3642     | 3459     | 3334     | 3478     | 4.46   | cps   |
| Cadmium    | 108-1 | 33       | 33       | 8        | 25       | 57.74  | cps   |
| Calcium    | 43-1  | 270832   | 264874   | 269573   | 268427   | 1.17   | cps   |
| Calcium    | 44-1  | 4455260  | 4427900  | 4449048  | 4444069  | 0.32   | cps   |
| Chromium   | 52-2  | 2714     | 2667     | 2604     | 2661     | 2.07   | cps   |
| Cobalt     | 59-2  | 370      | 347      | 350      | 356      | 3.55   | cps   |
| Copper     | 63-2  | 1302151  | 1312412  | 1310573  | 1308379  | 0.42   | cps   |
| Dysprosium | 156-1 | 92       | 142      | 92       | 108      | 26.65  | cps   |
| Dysprosium | 156-2 | 53       | 53       | 53       | 53       | 0.00   | cps   |
| Erbium     | 164-1 | 133      | 92       | 183      | 136      | 33.72  | cps   |
| Erbium     | 164-2 | 100      | 93       | 70       | 88       | 17.95  | cps   |
| Gadolinium | 160-1 | 325      | 267      | 158      | 250      | 33.83  | cps   |
| Gadolinium | 160-2 | 180      | 250      | 163      | 198      | 23.25  | cps   |
| Holmium    | 165-1 | 17362607 | 17246655 | 17190014 | 17266425 | 0.51   | cps   |
| Holmium    | 165-2 | 8995562  | 9112773  | 9045674  | 9051336  | 0.65   | cps   |
| Indium     | 115-1 | 13254793 | 13249056 | 13333088 | 13278979 | 0.35   | cps   |
| Indium     | 115-2 | 2759460  | 2768035  | 2760981  | 2762825  | 0.17   | cps   |
| Iron       | 56-2  | 168749   | 163868   | 162689   | 165102   | 1.95   | cps   |
| Iron       | 57-2  | 4679     | 4951     | 4951     | 4860     | 3.23   | cps   |
| Lead       | 206-1 | 61944    | 60767    | 60873    | 61194    | 1.06   | cps   |
| Lead       | 207-1 | 53837    | 51801    | 52047    | 52562    | 2.11   | cps   |
| Lead       | 208-1 | 243615   | 242132   | 241750   | 242499   | 0.41   | cps   |
| Lithium    | 6-1   | 1845874  | 1840506  | 1813827  | 1833402  | 0.94   | cps   |
| Magnesium  | 24-2  | 522448   | 529188   | 527547   | 526394   | 0.67   | cps   |
| Manganese  | 55-2  | 69081    | 68572    | 69142    | 68932    | 0.45   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-70-FL2-BR304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:57:48  | DataFile Name :   | 106SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 692      | 717      | 633      | 681      | 6.28   | cps   |
| Molybdenum | 95-1  | 308      | 267      | 408      | 328      | 22.21  | cps   |
| Molybdenum | 96-1  | 392      | 383      | 458      | 411      | 10.00  | cps   |
| Molybdenum | 97-1  | 275      | 300      | 225      | 267      | 14.32  | cps   |
| Molybdenum | 98-1  | 367      | 467      | 467      | 433      | 13.32  | cps   |
| Neodymium  | 150-1 | 100      | 120      | 80       | 100      | 20.00  | cps   |
| Neodymium  | 150-2 | 43       | 57       | 33       | 44       | 26.35  | cps   |
| Nickel     | 60-2  | 6291     | 6245     | 6081     | 6206     | 1.78   | cps   |
| Phosphorus | 31-2  | 6777     | 7385     | 7410     | 7191     | 4.99   | cps   |
| Potassium  | 39-2  | 263179   | 264833   | 262960   | 263658   | 0.39   | cps   |
| Rhodium    | 103-1 | 12564115 | 12466741 | 12489869 | 12506908 | 0.41   | cps   |
| Rhodium    | 103-2 | 6167344  | 6191552  | 6074505  | 6144467  | 1.01   | cps   |
| Scandium   | 45-1  | 8302762  | 8271444  | 8243947  | 8272718  | 0.36   | cps   |
| Scandium   | 45-2  | 435137   | 428989   | 423900   | 429342   | 1.31   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 133      | 113      | 119      | 122      | 8.66   | cps   |
| Selenium   | 82-1  | 152      | 88       | -68      | 57       | 198.23 | cps   |
| Silicon    | 28-1  | 9114971  | 8981985  | 9050532  | 9049163  | 0.73   | cps   |
| Silver     | 109-1 | 717      | 700      | 775      | 731      | 5.39   | cps   |
| Silver     | 107-1 | 625      | 808      | 708      | 714      | 12.86  | cps   |
| Sodium     | 23-2  | 8607506  | 8610893  | 8476889  | 8565096  | 0.89   | cps   |
| Strontium  | 86-1  | 100819   | 100535   | 100315   | 100557   | 0.25   | cps   |
| Strontium  | 88-1  | 868171   | 868289   | 866467   | 867642   | 0.12   | cps   |
| Sulfur     | 34-1  | 546016   | 546282   | 542184   | 544827   | 0.42   | cps   |
| Terbium    | 159-1 | 17802633 | 17824583 | 17955953 | 17861056 | 0.46   | cps   |
| Terbium    | 159-2 | 9091196  | 9040048  | 8958646  | 9029963  | 0.74   | cps   |
| Thallium   | 203-1 | 317      | 375      | 417      | 369      | 13.60  | cps   |
| Thallium   | 205-1 | 883      | 858      | 842      | 861      | 2.44   | cps   |
| Tin        | 118-1 | 5460     | 5618     | 5268     | 5449     | 3.22   | cps   |
| Titanium   | 47-1  | 1108     | 1033     | 1392     | 1178     | 16.05  | cps   |
| Uranium    | 238-1 | 1050     | 700      | 808      | 853      | 21.01  | cps   |
| Vanadium   | 51-2  | 283      | 270      | 323      | 292      | 9.50   | cps   |
| Yttrium    | 89-1  | 13532362 | 13729079 | 13501361 | 13587601 | 0.91   | cps   |
| Yttrium    | 89-2  | 2147567  | 2150973  | 2144608  | 2147716  | 0.15   | cps   |
| Zinc       | 66-2  | 88385    | 88409    | 89586    | 88794    | 0.77   | cps   |
| Zirconium  | 90-1  | 1392     | 1634     | 1417     | 1481     | 8.98   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-70-FL2-BR304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 21:57:48  | DataFile Name :   | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 375  | 292  | 344     | 13.32  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-34 Instrumnet Name : P7  
 Client Sample ID : DC24741-71-FL2-BR304 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:01:12 DataFile Name : 107SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 5420     | 4259     | 5738     | 5139     | 15.15  | cps   |
| Antimony   | 121-1 | 983      | 958      | 1067     | 1003     | 5.66   | cps   |
| Arsenic    | 75-2  | 215      | 193      | 159      | 189      | 14.80  | cps   |
| Barium     | 135-1 | 74729    | 74073    | 72079    | 73627    | 1.87   | cps   |
| Barium     | 137-1 | 129668   | 127429   | 126177   | 127758   | 1.38   | cps   |
| Beryllium  | 9-1   | 44       | 44       | 11       | 33       | 57.74  | cps   |
| Bismuth    | 209-1 | 11310381 | 11420015 | 11278239 | 11336212 | 0.66   | cps   |
| Bismuth    | 209-2 | 7051096  | 7236079  | 6996218  | 7094465  | 1.77   | cps   |
| Boron      | 10-1  | 1525     | 1600     | 1525     | 1550     | 2.79   | cps   |
| Boron      | 11-1  | 8011     | 7836     | 7994     | 7947     | 1.22   | cps   |
| Cadmium    | 111-1 | 2225     | 2241     | 2407     | 2291     | 4.40   | cps   |
| Cadmium    | 106-1 | 3167     | 3201     | 3426     | 3264     | 4.31   | cps   |
| Cadmium    | 108-1 | 42       | 29       | 17       | 29       | 42.85  | cps   |
| Calcium    | 43-1  | 269598   | 269914   | 267107   | 268873   | 0.57   | cps   |
| Calcium    | 44-1  | 4462590  | 4423335  | 4426962  | 4437629  | 0.49   | cps   |
| Chromium   | 52-2  | 4424     | 4334     | 4381     | 4380     | 1.03   | cps   |
| Cobalt     | 59-2  | 307      | 363      | 233      | 301      | 21.65  | cps   |
| Copper     | 63-2  | 844853   | 840122   | 845149   | 843374   | 0.33   | cps   |
| Dysprosium | 156-1 | 92       | 67       | 92       | 83       | 17.32  | cps   |
| Dysprosium | 156-2 | 70       | 37       | 47       | 51       | 33.46  | cps   |
| Erbium     | 164-1 | 108      | 225      | 117      | 150      | 43.39  | cps   |
| Erbium     | 164-2 | 73       | 90       | 60       | 74       | 20.19  | cps   |
| Gadolinium | 160-1 | 217      | 233      | 192      | 214      | 9.81   | cps   |
| Gadolinium | 160-2 | 187      | 163      | 173      | 174      | 6.71   | cps   |
| Holmium    | 165-1 | 17186299 | 17261247 | 17140670 | 17196072 | 0.35   | cps   |
| Holmium    | 165-2 | 9108504  | 9103134  | 8926694  | 9046110  | 1.14   | cps   |
| Indium     | 115-1 | 13289555 | 13290873 | 13142799 | 13241076 | 0.64   | cps   |
| Indium     | 115-2 | 2718651  | 2783413  | 2737231  | 2746432  | 1.21   | cps   |
| Iron       | 56-2  | 112648   | 114165   | 111310   | 112708   | 1.27   | cps   |
| Iron       | 57-2  | 3378     | 3678     | 3539     | 3532     | 4.25   | cps   |
| Lead       | 206-1 | 8042     | 8314     | 7775     | 8043     | 3.35   | cps   |
| Lead       | 207-1 | 7047     | 6930     | 6763     | 6913     | 2.06   | cps   |
| Lead       | 208-1 | 31666    | 32172    | 31749    | 31862    | 0.85   | cps   |
| Lithium    | 6-1   | 1798774  | 1795417  | 1789479  | 1794557  | 0.26   | cps   |
| Magnesium  | 24-2  | 517290   | 509712   | 509535   | 512179   | 0.86   | cps   |
| Manganese  | 55-2  | 41609    | 42498    | 42324    | 42144    | 1.12   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-71-FL2-BR304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:01:12  | DataFile Name :   | 107SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 483      | 892      | 600      | 658      | 31.95  | cps   |
| Molybdenum | 95-1  | 317      | 317      | 458      | 364      | 22.48  | cps   |
| Molybdenum | 96-1  | 367      | 325      | 525      | 406      | 26.02  | cps   |
| Molybdenum | 97-1  | 233      | 267      | 267      | 256      | 7.53   | cps   |
| Molybdenum | 98-1  | 617      | 467      | 675      | 586      | 18.34  | cps   |
| Neodymium  | 150-1 | 73       | 120      | 60       | 84       | 37.31  | cps   |
| Neodymium  | 150-2 | 33       | 20       | 53       | 36       | 47.19  | cps   |
| Nickel     | 60-2  | 2514     | 2474     | 2440     | 2476     | 1.48   | cps   |
| Phosphorus | 31-2  | 7085     | 7044     | 8061     | 7397     | 7.78   | cps   |
| Potassium  | 39-2  | 260169   | 257278   | 262173   | 259873   | 0.95   | cps   |
| Rhodium    | 103-1 | 12379576 | 12312030 | 12408522 | 12366710 | 0.40   | cps   |
| Rhodium    | 103-2 | 6245500  | 6255087  | 6100147  | 6200245  | 1.40   | cps   |
| Scandium   | 45-1  | 8300565  | 8212303  | 8258165  | 8257011  | 0.53   | cps   |
| Scandium   | 45-2  | 426384   | 433467   | 427799   | 429216   | 0.87   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 120      | 94       | 89       | 101      | 16.60  | cps   |
| Selenium   | 82-1  | 32       | 26       | 107      | 55       | 82.18  | cps   |
| Silicon    | 28-1  | 8789222  | 8823183  | 8687174  | 8766526  | 0.81   | cps   |
| Silver     | 109-1 | 375      | 317      | 300      | 331      | 11.91  | cps   |
| Silver     | 107-1 | 350      | 442      | 450      | 414      | 13.41  | cps   |
| Sodium     | 23-2  | 8442985  | 8418373  | 8404016  | 8421791  | 0.23   | cps   |
| Strontium  | 86-1  | 100014   | 98596    | 96835    | 98482    | 1.62   | cps   |
| Strontium  | 88-1  | 854687   | 844703   | 841592   | 846994   | 0.81   | cps   |
| Sulfur     | 34-1  | 534553   | 531809   | 532364   | 532909   | 0.27   | cps   |
| Terbium    | 159-1 | 17749707 | 17618579 | 17675007 | 17681098 | 0.37   | cps   |
| Terbium    | 159-2 | 9043170  | 9188466  | 9009323  | 9080320  | 1.05   | cps   |
| Thallium   | 203-1 | 292      | 283      | 267      | 281      | 4.54   | cps   |
| Thallium   | 205-1 | 875      | 675      | 692      | 747      | 14.85  | cps   |
| Tin        | 118-1 | 925      | 692      | 758      | 792      | 15.18  | cps   |
| Titanium   | 47-1  | 1108     | 1042     | 1158     | 1103     | 5.31   | cps   |
| Uranium    | 238-1 | 567      | 700      | 725      | 664      | 12.82  | cps   |
| Vanadium   | 51-2  | 270      | 233      | 253      | 252      | 7.28   | cps   |
| Yttrium    | 89-1  | 13586350 | 13394934 | 13474426 | 13485237 | 0.71   | cps   |
| Yttrium    | 89-2  | 2146508  | 2179822  | 2148169  | 2158166  | 0.87   | cps   |
| Zinc       | 66-2  | 23636    | 23739    | 23676    | 23684    | 0.22   | cps   |
| Zirconium  | 90-1  | 1158     | 1183     | 1350     | 1231     | 8.47   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-71-FL2-BR304 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:01:12  | DataFile Name :   | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 225  | 300  | 264     | 14.24  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-35              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-72-FL2-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:04:36   | DataFile Name :   | 108SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1609     | 1167     | 1117     | 1297     | 20.87  | cps   |
| Antimony   | 121-1 | 850      | 700      | 783      | 778      | 9.66   | cps   |
| Arsenic    | 75-2  | 180      | 196      | 181      | 186      | 4.92   | cps   |
| Barium     | 135-1 | 68846    | 67599    | 67540    | 67995    | 1.09   | cps   |
| Barium     | 137-1 | 117991   | 117972   | 116326   | 117429   | 0.81   | cps   |
| Beryllium  | 9-1   | 11       | 44       | 17       | 24       | 74.19  | cps   |
| Bismuth    | 209-1 | 11247966 | 11201247 | 11214561 | 11221258 | 0.21   | cps   |
| Bismuth    | 209-2 | 7018003  | 6939712  | 7150317  | 7036011  | 1.51   | cps   |
| Boron      | 10-1  | 1542     | 1558     | 1492     | 1531     | 2.27   | cps   |
| Boron      | 11-1  | 7285     | 7827     | 7527     | 7547     | 3.60   | cps   |
| Cadmium    | 111-1 | 2257     | 2491     | 2269     | 2339     | 5.64   | cps   |
| Cadmium    | 106-1 | 3184     | 3501     | 3251     | 3312     | 5.04   | cps   |
| Cadmium    | 108-1 | 13       | 25       | 33       | 24       | 44.41  | cps   |
| Calcium    | 43-1  | 261526   | 260971   | 259321   | 260606   | 0.44   | cps   |
| Calcium    | 44-1  | 4394765  | 4366386  | 4271017  | 4344056  | 1.49   | cps   |
| Chromium   | 52-2  | 2234     | 2034     | 1964     | 2077     | 6.75   | cps   |
| Cobalt     | 59-2  | 210      | 207      | 210      | 209      | 0.92   | cps   |
| Copper     | 63-2  | 1378209  | 1393785  | 1386581  | 1386192  | 0.56   | cps   |
| Dysprosium | 156-1 | 83       | 117      | 117      | 106      | 18.23  | cps   |
| Dysprosium | 156-2 | 37       | 47       | 33       | 39       | 17.85  | cps   |
| Erbium     | 164-1 | 125      | 100      | 92       | 106      | 16.44  | cps   |
| Erbium     | 164-2 | 57       | 77       | 80       | 71       | 17.74  | cps   |
| Gadolinium | 160-1 | 167      | 117      | 117      | 133      | 21.65  | cps   |
| Gadolinium | 160-2 | 150      | 183      | 177      | 170      | 10.38  | cps   |
| Holmium    | 165-1 | 17156924 | 17078484 | 17109173 | 17114860 | 0.23   | cps   |
| Holmium    | 165-2 | 8943664  | 8929610  | 9018975  | 8964083  | 0.54   | cps   |
| Indium     | 115-1 | 13157410 | 13081001 | 13022266 | 13086892 | 0.52   | cps   |
| Indium     | 115-2 | 2739643  | 2756340  | 2756796  | 2750926  | 0.36   | cps   |
| Iron       | 56-2  | 94444    | 109921   | 97275    | 100546   | 8.20   | cps   |
| Iron       | 57-2  | 3017     | 3228     | 3562     | 3269     | 8.40   | cps   |
| Lead       | 206-1 | 4195     | 4167     | 4012     | 4125     | 2.40   | cps   |
| Lead       | 207-1 | 3423     | 3506     | 3384     | 3438     | 1.82   | cps   |
| Lead       | 208-1 | 15949    | 16350    | 15976    | 16092    | 1.39   | cps   |
| Lithium    | 6-1   | 1788388  | 1779687  | 1774535  | 1780870  | 0.39   | cps   |
| Magnesium  | 24-2  | 519821   | 516696   | 514984   | 517167   | 0.47   | cps   |
| Manganese  | 55-2  | 41612    | 40579    | 40817    | 41003    | 1.32   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4661-35 Instrumnet Name : P7  
 Client Sample ID : DC24741-72-FL2-H-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:04:36 DataFile Name : 108SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 792      | 617      | 592      | 667      | 16.35  | cps   |
| Molybdenum | 95-1  | 375      | 283      | 317      | 325      | 14.28  | cps   |
| Molybdenum | 96-1  | 425      | 392      | 417      | 411      | 4.22   | cps   |
| Molybdenum | 97-1  | 183      | 417      | 258      | 286      | 41.64  | cps   |
| Molybdenum | 98-1  | 442      | 517      | 450      | 469      | 8.76   | cps   |
| Neodymium  | 150-1 | 87       | 47       | 67       | 67       | 30.00  | cps   |
| Neodymium  | 150-2 | 20       | 20       | 27       | 22       | 17.33  | cps   |
| Nickel     | 60-2  | 3517     | 3427     | 3517     | 3487     | 1.49   | cps   |
| Phosphorus | 31-2  | 7460     | 7035     | 7460     | 7319     | 3.35   | cps   |
| Potassium  | 39-2  | 262915   | 258541   | 263007   | 261488   | 0.98   | cps   |
| Rhodium    | 103-1 | 12382632 | 12256616 | 12352121 | 12330456 | 0.53   | cps   |
| Rhodium    | 103-2 | 6100084  | 6102188  | 6228185  | 6143486  | 1.19   | cps   |
| Scandium   | 45-1  | 8201356  | 8146252  | 8139467  | 8162358  | 0.42   | cps   |
| Scandium   | 45-2  | 423858   | 423048   | 428601   | 425169   | 0.71   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 93       | 122      | 91       | 102      | 17.34  | cps   |
| Selenium   | 82-1  | 75       | 73       | -76      | 24       | 357.69 | cps   |
| Silicon    | 28-1  | 8927213  | 8840928  | 8818577  | 8862239  | 0.65   | cps   |
| Silver     | 109-1 | 108      | 83       | 108      | 100      | 14.43  | cps   |
| Silver     | 107-1 | 167      | 92       | 175      | 144      | 31.77  | cps   |
| Sodium     | 23-2  | 8437265  | 8337784  | 8369773  | 8381607  | 0.61   | cps   |
| Strontium  | 86-1  | 96414    | 95525    | 94383    | 95441    | 1.07   | cps   |
| Strontium  | 88-1  | 836139   | 834339   | 826966   | 832481   | 0.58   | cps   |
| Sulfur     | 34-1  | 516300   | 515872   | 518236   | 516803   | 0.24   | cps   |
| Terbium    | 159-1 | 17594066 | 17702736 | 17439288 | 17578697 | 0.75   | cps   |
| Terbium    | 159-2 | 9025402  | 8943544  | 9043130  | 9004025  | 0.59   | cps   |
| Thallium   | 203-1 | 208      | 350      | 325      | 294      | 25.68  | cps   |
| Thallium   | 205-1 | 650      | 858      | 733      | 747      | 14.03  | cps   |
| Tin        | 118-1 | 658      | 608      | 600      | 622      | 5.07   | cps   |
| Titanium   | 47-1  | 933      | 908      | 1000     | 947      | 5.00   | cps   |
| Uranium    | 238-1 | 758      | 583      | 583      | 642      | 15.75  | cps   |
| Vanadium   | 51-2  | 243      | 290      | 287      | 273      | 9.52   | cps   |
| Yttrium    | 89-1  | 13464295 | 13365677 | 13275514 | 13368495 | 0.71   | cps   |
| Yttrium    | 89-2  | 2122122  | 2148174  | 2160939  | 2143745  | 0.92   | cps   |
| Zinc       | 66-2  | 27075    | 26584    | 26244    | 26634    | 1.57   | cps   |
| Zirconium  | 90-1  | 1300     | 1200     | 1342     | 1281     | 5.69   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4661-35              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-72-FL2-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:04:36   | DataFile Name :   | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 225  | 317  | 294     | 20.86  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101368BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101368BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:08:01 | DataFile Name :   | 109SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 233      | 392      | 292      | 306      | 26.21  | cps   |
| Antimony   | 121-1 | 42       | 83       | 67       | 64       | 32.83  | cps   |
| Arsenic    | 75-2  | 6        | 15       | 11       | 10       | 44.37  | cps   |
| Barium     | 135-1 | 100      | 50       | 33       | 61       | 56.77  | cps   |
| Barium     | 137-1 | 92       | 83       | 58       | 78       | 22.30  | cps   |
| Beryllium  | 9-1   | 11       | 17       | 28       | 19       | 45.83  | cps   |
| Bismuth    | 209-1 | 10587895 | 10726982 | 10693554 | 10669477 | 0.68   | cps   |
| Bismuth    | 209-2 | 6441615  | 6479584  | 6517493  | 6479564  | 0.59   | cps   |
| Boron      | 10-1  | 275      | 433      | 325      | 344      | 23.50  | cps   |
| Boron      | 11-1  | 1667     | 1425     | 1567     | 1553     | 7.82   | cps   |
| Cadmium    | 111-1 | 2060     | 2172     | 2079     | 2104     | 2.83   | cps   |
| Cadmium    | 106-1 | 2934     | 3109     | 2959     | 3000     | 3.16   | cps   |
| Cadmium    | 108-1 | 8        | 13       | 0        | 7        | 91.66  | cps   |
| Calcium    | 43-1  | 617      | 467      | 558      | 547      | 13.82  | cps   |
| Calcium    | 44-1  | 19055    | 18846    | 19330    | 19077    | 1.27   | cps   |
| Chromium   | 52-2  | 1703     | 1730     | 1693     | 1709     | 1.11   | cps   |
| Cobalt     | 59-2  | 83       | 87       | 63       | 78       | 16.23  | cps   |
| Copper     | 63-2  | 1437     | 1397     | 1380     | 1405     | 2.07   | cps   |
| Dysprosium | 156-1 | 25       | 17       | 17       | 19       | 24.73  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Erbium     | 164-1 | 58       | 8        | 108      | 58       | 85.72  | cps   |
| Erbium     | 164-2 | 17       | 23       | 30       | 23       | 28.56  | cps   |
| Gadolinium | 160-1 | 117      | 67       | 75       | 86       | 31.11  | cps   |
| Gadolinium | 160-2 | 90       | 137      | 137      | 121      | 22.25  | cps   |
| Holmium    | 165-1 | 16063694 | 15940927 | 16082068 | 16028896 | 0.48   | cps   |
| Holmium    | 165-2 | 8560199  | 8483601  | 8553132  | 8532311  | 0.50   | cps   |
| Indium     | 115-1 | 12332416 | 12413306 | 12258581 | 12334768 | 0.63   | cps   |
| Indium     | 115-2 | 2610366  | 2642468  | 2614914  | 2622583  | 0.66   | cps   |
| Iron       | 56-2  | 5723     | 5907     | 5629     | 5753     | 2.46   | cps   |
| Iron       | 57-2  | 311      | 344      | 306      | 320      | 6.57   | cps   |
| Lead       | 206-1 | 945      | 1017     | 1128     | 1030     | 8.97   | cps   |
| Lead       | 207-1 | 967      | 861      | 789      | 872      | 10.25  | cps   |
| Lead       | 208-1 | 4078     | 4045     | 3856     | 3993     | 3.00   | cps   |
| Lithium    | 6-1   | 1681092  | 1673098  | 1657078  | 1670423  | 0.73   | cps   |
| Magnesium  | 24-2  | 442      | 458      | 425      | 442      | 3.77   | cps   |
| Manganese  | 55-2  | 63       | 77       | 70       | 70       | 9.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101368BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101368BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:08:01 | DataFile Name :   | 109SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 258      | 217      | 250      | 242      | 9.12   | cps   |
| Molybdenum | 95-1  | 25       | 8        | 25       | 19       | 49.50  | cps   |
| Molybdenum | 96-1  | 117      | 108      | 58       | 94       | 33.40  | cps   |
| Molybdenum | 97-1  | 125      | 100      | 50       | 92       | 41.66  | cps   |
| Molybdenum | 98-1  | 67       | 58       | 8        | 44       | 70.99  | cps   |
| Neodymium  | 150-1 | 7        | 13       | 0        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 113      | 140      | 77       | 110      | 28.91  | cps   |
| Phosphorus | 31-2  | 217      | 317      | 208      | 247      | 24.38  | cps   |
| Potassium  | 39-2  | 41493    | 41150    | 42603    | 41749    | 1.82   | cps   |
| Rhodium    | 103-1 | 11649160 | 11606927 | 11703020 | 11653036 | 0.41   | cps   |
| Rhodium    | 103-2 | 5744962  | 5794230  | 5738647  | 5759279  | 0.53   | cps   |
| Scandium   | 45-1  | 7775823  | 7696095  | 7754345  | 7742088  | 0.53   | cps   |
| Scandium   | 45-2  | 406805   | 409815   | 406975   | 407865   | 0.41   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 111      | 94       | 91       | 99       | 10.98  | cps   |
| Selenium   | 82-1  | 80       | -8       | 72       | 48       | 100.72 | cps   |
| Silicon    | 28-1  | 542005   | 544772   | 545849   | 544209   | 0.36   | cps   |
| Silver     | 109-1 | 33       | 67       | 67       | 56       | 34.65  | cps   |
| Silver     | 107-1 | 117      | 92       | 133      | 114      | 18.41  | cps   |
| Sodium     | 23-2  | 41959    | 40773    | 40489    | 41074    | 1.90   | cps   |
| Strontium  | 86-1  | 1675     | 1534     | 1567     | 1592     | 4.65   | cps   |
| Strontium  | 88-1  | 1759     | 1558     | 1517     | 1611     | 8.02   | cps   |
| Sulfur     | 34-1  | 434615   | 433064   | 436252   | 434644   | 0.37   | cps   |
| Terbium    | 159-1 | 16454962 | 16484977 | 16458475 | 16466138 | 0.10   | cps   |
| Terbium    | 159-2 | 8519528  | 8501580  | 8513746  | 8511618  | 0.11   | cps   |
| Thallium   | 203-1 | 333      | 308      | 333      | 325      | 4.44   | cps   |
| Thallium   | 205-1 | 625      | 650      | 708      | 661      | 6.47   | cps   |
| Tin        | 118-1 | 1350     | 1275     | 1375     | 1333     | 3.90   | cps   |
| Titanium   | 47-1  | 200      | 208      | 200      | 203      | 2.37   | cps   |
| Uranium    | 238-1 | 83       | 50       | 125      | 86       | 43.64  | cps   |
| Vanadium   | 51-2  | 33       | 17       | 17       | 22       | 43.28  | cps   |
| Yttrium    | 89-1  | 12455746 | 12492929 | 12549337 | 12499338 | 0.38   | cps   |
| Yttrium    | 89-2  | 2049771  | 2060974  | 2043196  | 2051314  | 0.44   | cps   |
| Zinc       | 66-2  | 157      | 130      | 157      | 148      | 10.42  | cps   |
| Zirconium  | 90-1  | 633      | 700      | 575      | 636      | 9.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101368BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101368BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:08:01 | DataFile Name :   | 109SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 158  | 192  | 172     | 10.07  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : PB101368BS Instrumnet Name : P7  
 Client Sample ID : PB101368BS Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:11:27 DataFile Name : 110SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 892      | 850      | 825      | 856      | 3.94   | cps   |
| Antimony   | 121-1 | 142      | 133      | 117      | 131      | 9.75   | cps   |
| Arsenic    | 75-2  | 17       | 11       | 13       | 14       | 20.85  | cps   |
| Barium     | 135-1 | 83       | 67       | 100      | 83       | 20.00  | cps   |
| Barium     | 137-1 | 75       | 117      | 108      | 100      | 22.05  | cps   |
| Beryllium  | 9-1   | 0        | 6        | 39       | 15       | 141.95 | cps   |
| Bismuth    | 209-1 | 10703688 | 10697877 | 10791839 | 10731135 | 0.49   | cps   |
| Bismuth    | 209-2 | 6469192  | 6523759  | 6463310  | 6485420  | 0.51   | cps   |
| Boron      | 10-1  | 367      | 325      | 325      | 339      | 7.10   | cps   |
| Boron      | 11-1  | 1517     | 1683     | 1375     | 1525     | 10.12  | cps   |
| Cadmium    | 111-1 | 2151     | 2190     | 2125     | 2155     | 1.51   | cps   |
| Cadmium    | 106-1 | 3059     | 3100     | 3042     | 3067     | 0.98   | cps   |
| Cadmium    | 108-1 | 4        | 8        | 13       | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 850      | 850      | 958      | 886      | 7.06   | cps   |
| Calcium    | 44-1  | 24530    | 23512    | 22952    | 23665    | 3.38   | cps   |
| Chromium   | 52-2  | 1917     | 1700     | 1773     | 1797     | 6.13   | cps   |
| Cobalt     | 59-2  | 103      | 113      | 107      | 108      | 4.72   | cps   |
| Copper     | 63-2  | 1427     | 1363     | 1473     | 1421     | 3.89   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 17       | 17       | 0.00   | cps   |
| Dysprosium | 156-2 | 10       | 0        | 7        | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 33       | 67       | 17       | 39       | 65.47  | cps   |
| Erbium     | 164-2 | 23       | 37       | 27       | 29       | 24.03  | cps   |
| Gadolinium | 160-1 | 117      | 108      | 33       | 86       | 53.30  | cps   |
| Gadolinium | 160-2 | 107      | 103      | 143      | 118      | 18.84  | cps   |
| Holmium    | 165-1 | 16043500 | 16123589 | 16265190 | 16144093 | 0.70   | cps   |
| Holmium    | 165-2 | 8492102  | 8546504  | 8451897  | 8496834  | 0.56   | cps   |
| Indium     | 115-1 | 12422878 | 12347179 | 12368034 | 12379364 | 0.32   | cps   |
| Indium     | 115-2 | 2627054  | 2662443  | 2625321  | 2638272  | 0.79   | cps   |
| Iron       | 56-2  | 8831     | 9426     | 8858     | 9038     | 3.71   | cps   |
| Iron       | 57-2  | 400      | 356      | 367      | 374      | 6.18   | cps   |
| Lead       | 206-1 | 7417477  | 7450575  | 7488667  | 7452240  | 0.48   | cps   |
| Lead       | 207-1 | 6498708  | 6439719  | 6725056  | 6554495  | 2.30   | cps   |
| Lead       | 208-1 | 29660435 | 29701385 | 30050376 | 29804065 | 0.72   | cps   |
| Lithium    | 6-1   | 1715115  | 1679834  | 1687919  | 1694289  | 1.09   | cps   |
| Magnesium  | 24-2  | 775      | 492      | 617      | 628      | 22.62  | cps   |
| Manganese  | 55-2  | 133      | 180      | 183      | 166      | 16.88  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101368BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101368BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:11:27 | DataFile Name :   | 110SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 317      | 400      | 292      | 336      | 16.88  | cps   |
| Molybdenum | 95-1  | 142      | 200      | 183      | 175      | 17.17  | cps   |
| Molybdenum | 96-1  | 283      | 192      | 200      | 225      | 22.53  | cps   |
| Molybdenum | 97-1  | 217      | 158      | 167      | 181      | 17.47  | cps   |
| Molybdenum | 98-1  | 250      | 175      | 175      | 200      | 21.65  | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Nickel     | 60-2  | 93       | 127      | 140      | 120      | 20.03  | cps   |
| Phosphorus | 31-2  | 283      | 208      | 217      | 236      | 17.41  | cps   |
| Potassium  | 39-2  | 44150    | 43080    | 43640    | 43623    | 1.23   | cps   |
| Rhodium    | 103-1 | 11849223 | 11737617 | 11885017 | 11823952 | 0.65   | cps   |
| Rhodium    | 103-2 | 5789103  | 5834336  | 5770056  | 5797832  | 0.57   | cps   |
| Scandium   | 45-1  | 7852688  | 7791391  | 7766208  | 7803429  | 0.57   | cps   |
| Scandium   | 45-2  | 406545   | 409888   | 402332   | 406255   | 0.93   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 119      | 87       | 117      | 107      | 16.45  | cps   |
| Selenium   | 82-1  | 14       | 39       | 7        | 20       | 85.86  | cps   |
| Silicon    | 28-1  | 540022   | 539407   | 537055   | 538828   | 0.29   | cps   |
| Silver     | 109-1 | 75       | 92       | 100      | 89       | 14.32  | cps   |
| Silver     | 107-1 | 83       | 158      | 225      | 156      | 45.56  | cps   |
| Sodium     | 23-2  | 41744    | 39871    | 39946    | 40520    | 2.62   | cps   |
| Strontium  | 86-1  | 1750     | 1517     | 1475     | 1581     | 9.38   | cps   |
| Strontium  | 88-1  | 950      | 1125     | 983      | 1020     | 9.12   | cps   |
| Sulfur     | 34-1  | 447118   | 444492   | 444595   | 445402   | 0.33   | cps   |
| Terbium    | 159-1 | 16548994 | 16549567 | 16556494 | 16551685 | 0.03   | cps   |
| Terbium    | 159-2 | 8532363  | 8595190  | 8551527  | 8559693  | 0.38   | cps   |
| Thallium   | 203-1 | 292      | 317      | 292      | 300      | 4.81   | cps   |
| Thallium   | 205-1 | 783      | 808      | 792      | 795      | 1.60   | cps   |
| Tin        | 118-1 | 1017     | 1275     | 1200     | 1164     | 11.42  | cps   |
| Titanium   | 47-1  | 192      | 200      | 217      | 203      | 6.28   | cps   |
| Uranium    | 238-1 | 342      | 358      | 417      | 372      | 10.58  | cps   |
| Vanadium   | 51-2  | 13       | 20       | 33       | 22       | 45.83  | cps   |
| Yttrium    | 89-1  | 12778623 | 12546182 | 12593644 | 12639483 | 0.97   | cps   |
| Yttrium    | 89-2  | 2053257  | 2060901  | 2032174  | 2048777  | 0.73   | cps   |
| Zinc       | 66-2  | 600      | 543      | 570      | 571      | 4.96   | cps   |
| Zirconium  | 90-1  | 742      | 800      | 642      | 728      | 11.00  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101368BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101368BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:11:27 | DataFile Name :   | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 275  | 92   | 158     | 64.03  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-73-FL2-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:14:52   | DataFile Name :   | 111SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1417     | 1267     | 1242     | 1308     | 7.24   | cps   |
| Antimony   | 121-1 | 858      | 825      | 900      | 861      | 4.36   | cps   |
| Arsenic    | 75-2  | 161      | 194      | 193      | 183      | 10.25  | cps   |
| Barium     | 135-1 | 71267    | 71401    | 68452    | 70373    | 2.37   | cps   |
| Barium     | 137-1 | 123226   | 123790   | 121798   | 122938   | 0.84   | cps   |
| Beryllium  | 9-1   | 44       | 22       | 11       | 26       | 65.48  | cps   |
| Bismuth    | 209-1 | 11646656 | 11587646 | 11500294 | 11578199 | 0.64   | cps   |
| Bismuth    | 209-2 | 7162392  | 7112285  | 7160058  | 7144911  | 0.40   | cps   |
| Boron      | 10-1  | 1367     | 1458     | 1342     | 1389     | 4.42   | cps   |
| Boron      | 11-1  | 7919     | 7594     | 8086     | 7866     | 3.18   | cps   |
| Cadmium    | 111-1 | 2403     | 2578     | 2478     | 2487     | 3.53   | cps   |
| Cadmium    | 106-1 | 3351     | 3592     | 3459     | 3467     | 3.49   | cps   |
| Cadmium    | 108-1 | 13       | 4        | 8        | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 266069   | 266411   | 272941   | 268474   | 1.44   | cps   |
| Calcium    | 44-1  | 4446506  | 4459399  | 4446865  | 4450923  | 0.16   | cps   |
| Chromium   | 52-2  | 1880     | 1587     | 1750     | 1739     | 8.45   | cps   |
| Cobalt     | 59-2  | 290      | 270      | 203      | 254      | 17.83  | cps   |
| Copper     | 63-2  | 1394765  | 1402853  | 1388948  | 1395522  | 0.50   | cps   |
| Dysprosium | 156-1 | 117      | 50       | 108      | 92       | 39.63  | cps   |
| Dysprosium | 156-2 | 43       | 60       | 20       | 41       | 48.87  | cps   |
| Erbium     | 164-1 | 100      | 192      | 108      | 133      | 38.02  | cps   |
| Erbium     | 164-2 | 97       | 80       | 60       | 79       | 23.27  | cps   |
| Gadolinium | 160-1 | 192      | 183      | 142      | 172      | 15.56  | cps   |
| Gadolinium | 160-2 | 183      | 183      | 163      | 177      | 6.54   | cps   |
| Holmium    | 165-1 | 17645630 | 17656170 | 17630936 | 17644245 | 0.07   | cps   |
| Holmium    | 165-2 | 9184672  | 9151642  | 9210707  | 9182340  | 0.32   | cps   |
| Indium     | 115-1 | 13498766 | 13418267 | 13387014 | 13434682 | 0.43   | cps   |
| Indium     | 115-2 | 2786074  | 2796437  | 2794816  | 2792442  | 0.20   | cps   |
| Iron       | 56-2  | 114954   | 99110    | 99579    | 104548   | 8.62   | cps   |
| Iron       | 57-2  | 3317     | 3084     | 3128     | 3176     | 3.90   | cps   |
| Lead       | 206-1 | 6974     | 6830     | 6808     | 6871     | 1.32   | cps   |
| Lead       | 207-1 | 6007     | 6218     | 5651     | 5959     | 4.81   | cps   |
| Lead       | 208-1 | 27590    | 27067    | 26511    | 27056    | 1.99   | cps   |
| Lithium    | 6-1   | 1861303  | 1852684  | 1843935  | 1852641  | 0.47   | cps   |
| Magnesium  | 24-2  | 528377   | 526707   | 524010   | 526365   | 0.42   | cps   |
| Manganese  | 55-2  | 38484    | 39453    | 39654    | 39197    | 1.60   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-73-FL2-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:14:52   | DataFile Name :   | 111SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 608      | 592      | 767      | 656      | 14.73  | cps   |
| Molybdenum | 95-1  | 300      | 333      | 267      | 300      | 11.11  | cps   |
| Molybdenum | 96-1  | 508      | 508      | 400      | 472      | 13.24  | cps   |
| Molybdenum | 97-1  | 275      | 267      | 208      | 250      | 14.53  | cps   |
| Molybdenum | 98-1  | 442      | 483      | 367      | 431      | 13.73  | cps   |
| Neodymium  | 150-1 | 60       | 67       | 60       | 62       | 6.19   | cps   |
| Neodymium  | 150-2 | 13       | 33       | 30       | 26       | 41.94  | cps   |
| Nickel     | 60-2  | 8229     | 8262     | 8079     | 8190     | 1.19   | cps   |
| Phosphorus | 31-2  | 7277     | 8061     | 7769     | 7702     | 5.14   | cps   |
| Potassium  | 39-2  | 261666   | 263669   | 263794   | 263043   | 0.45   | cps   |
| Rhodium    | 103-1 | 12751007 | 12735483 | 12562466 | 12682986 | 0.83   | cps   |
| Rhodium    | 103-2 | 6233514  | 6280053  | 6202594  | 6238720  | 0.62   | cps   |
| Scandium   | 45-1  | 8399057  | 8443804  | 8356459  | 8399774  | 0.52   | cps   |
| Scandium   | 45-2  | 428329   | 426809   | 431912   | 429016   | 0.61   | cps   |
| Selenium   | 77-2  | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 85       | 111      | 124      | 107      | 18.54  | cps   |
| Selenium   | 82-1  | 97       | 28       | 29       | 51       | 77.33  | cps   |
| Silicon    | 28-1  | 9301563  | 9148091  | 9267639  | 9239098  | 0.87   | cps   |
| Silver     | 109-1 | 233      | 158      | 192      | 194      | 19.33  | cps   |
| Silver     | 107-1 | 133      | 208      | 167      | 169      | 22.18  | cps   |
| Sodium     | 23-2  | 8543924  | 8603074  | 8547399  | 8564799  | 0.39   | cps   |
| Strontium  | 86-1  | 97664    | 96716    | 98127    | 97503    | 0.74   | cps   |
| Strontium  | 88-1  | 858865   | 849999   | 850969   | 853278   | 0.57   | cps   |
| Sulfur     | 34-1  | 546905   | 550153   | 549554   | 548871   | 0.31   | cps   |
| Terbium    | 159-1 | 18184470 | 17960936 | 17924668 | 18023358 | 0.78   | cps   |
| Terbium    | 159-2 | 9072039  | 9153789  | 9085860  | 9103896  | 0.48   | cps   |
| Thallium   | 203-1 | 408      | 350      | 333      | 364      | 10.82  | cps   |
| Thallium   | 205-1 | 842      | 800      | 933      | 858      | 7.95   | cps   |
| Tin        | 118-1 | 567      | 708      | 625      | 633      | 11.24  | cps   |
| Titanium   | 47-1  | 1184     | 1292     | 1067     | 1181     | 9.56   | cps   |
| Uranium    | 238-1 | 433      | 625      | 525      | 528      | 18.16  | cps   |
| Vanadium   | 51-2  | 257      | 217      | 270      | 248      | 11.20  | cps   |
| Yttrium    | 89-1  | 13911765 | 13666332 | 13615333 | 13731143 | 1.15   | cps   |
| Yttrium    | 89-2  | 2167113  | 2160678  | 2177498  | 2168429  | 0.39   | cps   |
| Zinc       | 66-2  | 48912    | 49417    | 49012    | 49114    | 0.54   | cps   |
| Zirconium  | 90-1  | 1717     | 1642     | 1383     | 1581     | 11.07  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-73-FL2-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:14:52   | DataFile Name :   | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 325  | 467  | 381     | 19.87  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : CCV73 Instrumnet Name : P7  
 Client Sample ID : CCV73 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:18:17 DataFile Name : 112SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 858      | 867      | 858      | 861      | 0.56   | cps   |
| Antimony   | 121-1 | 92       | 183      | 133      | 136      | 33.72  | cps   |
| Arsenic    | 75-2  | 2        | 11       | 9        | 7        | 66.16  | cps   |
| Barium     | 135-1 | 100      | 67       | 58       | 75       | 29.40  | cps   |
| Barium     | 137-1 | 67       | 75       | 142      | 94       | 43.53  | cps   |
| Beryllium  | 9-1   | 11       | 0        | 56       | 22       | 132.29 | cps   |
| Bismuth    | 209-1 | 10981287 | 10871823 | 11008785 | 10953965 | 0.66   | cps   |
| Bismuth    | 209-2 | 6483401  | 6802858  | 6550433  | 6612231  | 2.55   | cps   |
| Boron      | 10-1  | 400      | 292      | 242      | 311      | 26.01  | cps   |
| Boron      | 11-1  | 1433     | 1575     | 1692     | 1567     | 8.26   | cps   |
| Cadmium    | 111-1 | 2142     | 2220     | 2279     | 2214     | 3.10   | cps   |
| Cadmium    | 106-1 | 3050     | 3159     | 3242     | 3151     | 3.05   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 17       | 14       | 34.67  | cps   |
| Calcium    | 43-1  | 975      | 975      | 1175     | 1042     | 11.09  | cps   |
| Calcium    | 44-1  | 29464    | 29589    | 29213    | 29422    | 0.65   | cps   |
| Chromium   | 52-2  | 1653     | 1763     | 1830     | 1749     | 5.10   | cps   |
| Cobalt     | 59-2  | 173      | 140      | 103      | 139      | 25.21  | cps   |
| Copper     | 63-2  | 1363     | 1417     | 1347     | 1376     | 2.66   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 0        | 10       | 3        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 58       | 67       | 50       | 58       | 14.29  | cps   |
| Erbium     | 164-2 | 13       | 13       | 30       | 19       | 50.96  | cps   |
| Gadolinium | 160-1 | 92       | 92       | 67       | 83       | 17.32  | cps   |
| Gadolinium | 160-2 | 153      | 120      | 170      | 148      | 17.23  | cps   |
| Holmium    | 165-1 | 16469470 | 16474903 | 16529400 | 16491258 | 0.20   | cps   |
| Holmium    | 165-2 | 8601024  | 8678363  | 8649328  | 8642905  | 0.45   | cps   |
| Indium     | 115-1 | 12742869 | 12494994 | 12731607 | 12656490 | 1.11   | cps   |
| Indium     | 115-2 | 2648386  | 2685030  | 2663974  | 2665797  | 0.69   | cps   |
| Iron       | 56-2  | 8264     | 8492     | 8169     | 8308     | 2.00   | cps   |
| Iron       | 57-2  | 450      | 350      | 411      | 404      | 12.49  | cps   |
| Lead       | 206-1 | 7508530  | 7548392  | 7442946  | 7499956  | 0.71   | cps   |
| Lead       | 207-1 | 6815053  | 6821748  | 6701563  | 6779455  | 1.00   | cps   |
| Lead       | 208-1 | 30386094 | 30550092 | 30162058 | 30366081 | 0.64   | cps   |
| Lithium    | 6-1   | 1757037  | 1738464  | 1750491  | 1748664  | 0.54   | cps   |
| Magnesium  | 24-2  | 642      | 508      | 558      | 569      | 11.83  | cps   |
| Manganese  | 55-2  | 187      | 180      | 210      | 192      | 8.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV73               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV73               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:18:17 | DataFile Name :   | 112SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 392      | 350      | 292      | 344      | 14.58    | cps   |
| Molybdenum | 95-1  | 150      | 100      | 225      | 158      | 39.74    | cps   |
| Molybdenum | 96-1  | 267      | 225      | 233      | 242      | 9.12     | cps   |
| Molybdenum | 97-1  | 142      | 92       | 208      | 147      | 39.76    | cps   |
| Molybdenum | 98-1  | 167      | 142      | 208      | 172      | 19.56    | cps   |
| Neodymium  | 150-1 | 7        | 0        | 0        | 2        | 173.21   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Nickel     | 60-2  | 123      | 103      | 107      | 111      | 9.64     | cps   |
| Phosphorus | 31-2  | 300      | 258      | 292      | 283      | 7.78     | cps   |
| Potassium  | 39-2  | 43314    | 43147    | 42211    | 42891    | 1.39     | cps   |
| Rhodium    | 103-1 | 11939423 | 11906643 | 11991550 | 11945872 | 0.36     | cps   |
| Rhodium    | 103-2 | 5804612  | 5988684  | 5881069  | 5891455  | 1.57     | cps   |
| Scandium   | 45-1  | 7954286  | 7893139  | 7947277  | 7931567  | 0.42     | cps   |
| Scandium   | 45-2  | 406615   | 416591   | 409475   | 410893   | 1.25     | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60    | cps   |
| Selenium   | 78-2  | 89       | 83       | 98       | 90       | 8.31     | cps   |
| Selenium   | 82-1  | -94      | 73       | 15       | -2       | -4092.83 | cps   |
| Silicon    | 28-1  | 542182   | 539223   | 542478   | 541294   | 0.33     | cps   |
| Silver     | 109-1 | 83       | 125      | 42       | 83       | 50.00    | cps   |
| Silver     | 107-1 | 158      | 167      | 150      | 158      | 5.26     | cps   |
| Sodium     | 23-2  | 40230    | 41099    | 38885    | 40071    | 2.78     | cps   |
| Strontium  | 86-1  | 1358     | 1492     | 1592     | 1481     | 7.91     | cps   |
| Strontium  | 88-1  | 1233     | 1158     | 1458     | 1283     | 12.17    | cps   |
| Sulfur     | 34-1  | 453153   | 448552   | 452698   | 451467   | 0.56     | cps   |
| Terbium    | 159-1 | 16880954 | 16665428 | 16945059 | 16830480 | 0.87     | cps   |
| Terbium    | 159-2 | 8657980  | 8850876  | 8758046  | 8755634  | 1.10     | cps   |
| Thallium   | 203-1 | 392      | 317      | 383      | 364      | 11.30    | cps   |
| Thallium   | 205-1 | 850      | 850      | 783      | 828      | 4.65     | cps   |
| Tin        | 118-1 | 1250     | 1133     | 1092     | 1158     | 7.09     | cps   |
| Titanium   | 47-1  | 283      | 258      | 233      | 258      | 9.68     | cps   |
| Uranium    | 238-1 | 367      | 350      | 367      | 361      | 2.67     | cps   |
| Vanadium   | 51-2  | 23       | 33       | 20       | 26       | 27.15    | cps   |
| Yttrium    | 89-1  | 12826349 | 12769511 | 13080248 | 12892036 | 1.28     | cps   |
| Yttrium    | 89-2  | 2039219  | 2083508  | 2069344  | 2064024  | 1.10     | cps   |
| Zinc       | 66-2  | 633      | 517      | 557      | 569      | 10.42    | cps   |
| Zirconium  | 90-1  | 725      | 858      | 750      | 778      | 9.11     | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV73               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV73               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:18:17 | DataFile Name :   | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 125  | 125  | 139     | 17.32  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB73               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB73               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:21:41 | DataFile Name :   | 113SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 358      | 400      | 350      | 369      | 7.25   | cps   |
| Antimony   | 121-1 | 42       | 100      | 83       | 75       | 40.06  | cps   |
| Arsenic    | 75-2  | 15       | 7        | 4        | 9        | 65.47  | cps   |
| Barium     | 135-1 | 75       | 42       | 83       | 67       | 33.07  | cps   |
| Barium     | 137-1 | 83       | 83       | 67       | 78       | 12.37  | cps   |
| Beryllium  | 9-1   | 17       | 11       | 28       | 19       | 45.83  | cps   |
| Bismuth    | 209-1 | 10709964 | 10788659 | 10981073 | 10826566 | 1.29   | cps   |
| Bismuth    | 209-2 | 6450413  | 6498206  | 6460704  | 6469775  | 0.39   | cps   |
| Boron      | 10-1  | 167      | 225      | 192      | 194      | 15.05  | cps   |
| Boron      | 11-1  | 1192     | 1217     | 1375     | 1261     | 7.88   | cps   |
| Cadmium    | 111-1 | 2253     | 2326     | 2082     | 2220     | 5.64   | cps   |
| Cadmium    | 106-1 | 3217     | 3342     | 2959     | 3173     | 6.16   | cps   |
| Cadmium    | 108-1 | 17       | 25       | 8        | 17       | 50.01  | cps   |
| Calcium    | 43-1  | 325      | 392      | 300      | 339      | 13.98  | cps   |
| Calcium    | 44-1  | 17820    | 16977    | 17094    | 17297    | 2.64   | cps   |
| Chromium   | 52-2  | 1820     | 1627     | 1580     | 1676     | 7.60   | cps   |
| Cobalt     | 59-2  | 107      | 80       | 97       | 94       | 14.27  | cps   |
| Copper     | 63-2  | 1483     | 1290     | 1270     | 1348     | 8.74   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 8        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 75       | 42       | 83       | 67       | 33.07  | cps   |
| Erbium     | 164-2 | 30       | 50       | 20       | 33       | 45.83  | cps   |
| Gadolinium | 160-1 | 83       | 133      | 108      | 108      | 23.08  | cps   |
| Gadolinium | 160-2 | 113      | 107      | 117      | 112      | 4.54   | cps   |
| Holmium    | 165-1 | 16370670 | 16146465 | 16487711 | 16334949 | 1.06   | cps   |
| Holmium    | 165-2 | 8542658  | 8597864  | 8484484  | 8541669  | 0.66   | cps   |
| Indium     | 115-1 | 12531165 | 12454470 | 12667472 | 12551035 | 0.86   | cps   |
| Indium     | 115-2 | 2611555  | 2630299  | 2610568  | 2617474  | 0.42   | cps   |
| Iron       | 56-2  | 5718     | 5707     | 5590     | 5672     | 1.25   | cps   |
| Iron       | 57-2  | 239      | 350      | 333      | 307      | 19.49  | cps   |
| Lead       | 206-1 | 1317     | 1300     | 1278     | 1298     | 1.50   | cps   |
| Lead       | 207-1 | 1261     | 1161     | 1206     | 1209     | 4.14   | cps   |
| Lead       | 208-1 | 5212     | 5256     | 5434     | 5301     | 2.22   | cps   |
| Lithium    | 6-1   | 1737292  | 1749808  | 1740031  | 1742377  | 0.38   | cps   |
| Magnesium  | 24-2  | 475      | 400      | 383      | 419      | 11.64  | cps   |
| Manganese  | 55-2  | 47       | 70       | 103      | 73       | 38.84  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB73               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB73               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:21:41 | DataFile Name :   | 113SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 192      | 200      | 267      | 219      | 18.73  | cps   |
| Molybdenum | 95-1  | 42       | 42       | 25       | 36       | 26.65  | cps   |
| Molybdenum | 96-1  | 117      | 158      | 92       | 122      | 27.56  | cps   |
| Molybdenum | 97-1  | 58       | 100      | 100      | 86       | 27.94  | cps   |
| Molybdenum | 98-1  | 50       | 50       | 33       | 44       | 21.64  | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 7        | 10       | 6        | 91.64  | cps   |
| Nickel     | 60-2  | 67       | 73       | 97       | 79       | 19.97  | cps   |
| Phosphorus | 31-2  | 308      | 158      | 192      | 219      | 35.89  | cps   |
| Potassium  | 39-2  | 41509    | 41651    | 41994    | 41718    | 0.60   | cps   |
| Rhodium    | 103-1 | 11928027 | 11851659 | 12034171 | 11937953 | 0.77   | cps   |
| Rhodium    | 103-2 | 5774533  | 5793455  | 5775861  | 5781283  | 0.18   | cps   |
| Scandium   | 45-1  | 7873734  | 7843389  | 8108790  | 7941971  | 1.83   | cps   |
| Scandium   | 45-2  | 404023   | 407664   | 406393   | 406027   | 0.46   | cps   |
| Selenium   | 77-2  | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 115      | 96       | 94       | 102      | 11.06  | cps   |
| Selenium   | 82-1  | 110      | -33      | 19       | 32       | 227.71 | cps   |
| Silicon    | 28-1  | 537572   | 538364   | 536902   | 537613   | 0.14   | cps   |
| Silver     | 109-1 | 75       | 92       | 83       | 83       | 10.00  | cps   |
| Silver     | 107-1 | 75       | 83       | 117      | 92       | 24.05  | cps   |
| Sodium     | 23-2  | 38735    | 38066    | 39302    | 38701    | 1.60   | cps   |
| Strontium  | 86-1  | 1500     | 1609     | 1675     | 1595     | 5.54   | cps   |
| Strontium  | 88-1  | 1342     | 1533     | 1433     | 1436     | 6.68   | cps   |
| Sulfur     | 34-1  | 449450   | 449089   | 445432   | 447990   | 0.50   | cps   |
| Terbium    | 159-1 | 16533196 | 16748170 | 16864969 | 16715445 | 1.01   | cps   |
| Terbium    | 159-2 | 8526688  | 8520511  | 8575605  | 8540935  | 0.35   | cps   |
| Thallium   | 203-1 | 208      | 200      | 300      | 236      | 23.50  | cps   |
| Thallium   | 205-1 | 392      | 525      | 542      | 486      | 16.91  | cps   |
| Tin        | 118-1 | 1417     | 1433     | 1617     | 1489     | 7.45   | cps   |
| Titanium   | 47-1  | 192      | 217      | 150      | 186      | 18.10  | cps   |
| Uranium    | 238-1 | 58       | 42       | 58       | 53       | 18.23  | cps   |
| Vanadium   | 51-2  | 13       | 33       | 13       | 20       | 57.74  | cps   |
| Yttrium    | 89-1  | 12767199 | 12654569 | 12872528 | 12764765 | 0.85   | cps   |
| Yttrium    | 89-2  | 2028477  | 2030310  | 2024344  | 2027710  | 0.15   | cps   |
| Zinc       | 66-2  | 120      | 113      | 133      | 122      | 8.33   | cps   |
| Zirconium  | 90-1  | 667      | 675      | 675      | 672      | 0.72   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB73               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB73               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:21:41 | DataFile Name :   | 113SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 167  | 133  | 144     | 13.32  | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-02 Instrumnet Name : P7  
 Client Sample ID : DC24741-74-FL2-CL305 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:25:08 DataFile Name : 114SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2742     | 1542     | 1292     | 1858     | 41.71  | cps   |
| Antimony   | 121-1 | 1308     | 1400     | 1392     | 1367     | 3.71   | cps   |
| Arsenic    | 75-2  | 220      | 211      | 217      | 216      | 2.16   | cps   |
| Barium     | 135-1 | 72732    | 71828    | 70236    | 71599    | 1.76   | cps   |
| Barium     | 137-1 | 123807   | 125446   | 122175   | 123809   | 1.32   | cps   |
| Beryllium  | 9-1   | 22       | 22       | 28       | 24       | 13.33  | cps   |
| Bismuth    | 209-1 | 11305415 | 11210893 | 11625035 | 11380448 | 1.91   | cps   |
| Bismuth    | 209-2 | 7078783  | 7005416  | 7026260  | 7036820  | 0.54   | cps   |
| Boron      | 10-1  | 1558     | 1633     | 1475     | 1556     | 5.09   | cps   |
| Boron      | 11-1  | 7627     | 7719     | 7394     | 7580     | 2.21   | cps   |
| Cadmium    | 111-1 | 2197     | 2314     | 2396     | 2302     | 4.35   | cps   |
| Cadmium    | 106-1 | 3059     | 3217     | 3409     | 3228     | 5.43   | cps   |
| Cadmium    | 108-1 | 33       | 13       | 33       | 26       | 45.58  | cps   |
| Calcium    | 43-1  | 266742   | 262486   | 262753   | 263994   | 0.90   | cps   |
| Calcium    | 44-1  | 4373221  | 4335140  | 4342394  | 4350252  | 0.46   | cps   |
| Chromium   | 52-2  | 1817     | 1760     | 1903     | 1827     | 3.95   | cps   |
| Cobalt     | 59-2  | 390      | 403      | 370      | 388      | 4.33   | cps   |
| Copper     | 63-2  | 1171234  | 1172104  | 1175466  | 1172935  | 0.19   | cps   |
| Dysprosium | 156-1 | 67       | 33       | 67       | 56       | 34.65  | cps   |
| Dysprosium | 156-2 | 30       | 47       | 57       | 44       | 30.31  | cps   |
| Erbium     | 164-1 | 175      | 133      | 133      | 147      | 16.34  | cps   |
| Erbium     | 164-2 | 53       | 53       | 60       | 56       | 6.93   | cps   |
| Gadolinium | 160-1 | 183      | 250      | 200      | 211      | 16.43  | cps   |
| Gadolinium | 160-2 | 177      | 180      | 167      | 174      | 3.98   | cps   |
| Holmium    | 165-1 | 17108073 | 17087723 | 17325633 | 17173809 | 0.77   | cps   |
| Holmium    | 165-2 | 9092606  | 8973378  | 8942742  | 9002909  | 0.88   | cps   |
| Indium     | 115-1 | 13018442 | 13217684 | 13386688 | 13207605 | 1.40   | cps   |
| Indium     | 115-2 | 2744761  | 2723090  | 2723815  | 2730555  | 0.45   | cps   |
| Iron       | 56-2  | 91275    | 90064    | 91101    | 90813    | 0.72   | cps   |
| Iron       | 57-2  | 2906     | 2973     | 2984     | 2954     | 1.42   | cps   |
| Lead       | 206-1 | 49342    | 48728    | 49029    | 49033    | 0.63   | cps   |
| Lead       | 207-1 | 39844    | 39832    | 39827    | 39834    | 0.02   | cps   |
| Lead       | 208-1 | 189788   | 187102   | 187638   | 188176   | 0.76   | cps   |
| Lithium    | 6-1   | 1818452  | 1820413  | 1850501  | 1829789  | 0.98   | cps   |
| Magnesium  | 24-2  | 529494   | 524638   | 526395   | 526842   | 0.47   | cps   |
| Manganese  | 55-2  | 38701    | 38798    | 38835    | 38778    | 0.18   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-02 Instrumnet Name : P7  
 Client Sample ID : DC24741-74-FL2-CL305 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:25:08 DataFile Name : 114SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 633      | 742      | 650      | 675      | 8.64   | cps   |
| Molybdenum | 95-1  | 275      | 250      | 317      | 281      | 12.00  | cps   |
| Molybdenum | 96-1  | 458      | 367      | 433      | 419      | 11.30  | cps   |
| Molybdenum | 97-1  | 242      | 308      | 225      | 258      | 17.07  | cps   |
| Molybdenum | 98-1  | 433      | 483      | 483      | 467      | 6.19   | cps   |
| Neodymium  | 150-1 | 40       | 60       | 73       | 58       | 29.04  | cps   |
| Neodymium  | 150-2 | 13       | 17       | 20       | 17       | 20.01  | cps   |
| Nickel     | 60-2  | 2410     | 2514     | 2464     | 2462     | 2.10   | cps   |
| Phosphorus | 31-2  | 6944     | 6902     | 6819     | 6888     | 0.92   | cps   |
| Potassium  | 39-2  | 257675   | 258440   | 256133   | 257416   | 0.46   | cps   |
| Rhodium    | 103-1 | 12306275 | 12246176 | 12615118 | 12389190 | 1.60   | cps   |
| Rhodium    | 103-2 | 6073538  | 6135455  | 6085211  | 6098068  | 0.54   | cps   |
| Scandium   | 45-1  | 8138618  | 8091207  | 8424906  | 8218244  | 2.20   | cps   |
| Scandium   | 45-2  | 429493   | 427049   | 425550   | 427364   | 0.47   | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 120      | 104      | 126      | 117      | 9.92   | cps   |
| Selenium   | 82-1  | 143      | 120      | 109      | 124      | 13.73  | cps   |
| Silicon    | 28-1  | 8865277  | 8915866  | 8725735  | 8835626  | 1.11   | cps   |
| Silver     | 109-1 | 592      | 600      | 567      | 586      | 2.96   | cps   |
| Silver     | 107-1 | 642      | 625      | 500      | 589      | 13.15  | cps   |
| Sodium     | 23-2  | 8398634  | 8380832  | 8372755  | 8384074  | 0.16   | cps   |
| Strontium  | 86-1  | 98712    | 97883    | 98235    | 98277    | 0.42   | cps   |
| Strontium  | 88-1  | 850104   | 844752   | 838233   | 844363   | 0.70   | cps   |
| Sulfur     | 34-1  | 535218   | 534110   | 528210   | 532513   | 0.71   | cps   |
| Terbium    | 159-1 | 17595856 | 17573630 | 17711241 | 17626909 | 0.42   | cps   |
| Terbium    | 159-2 | 8989134  | 8941872  | 8950780  | 8960595  | 0.28   | cps   |
| Thallium   | 203-1 | 317      | 283      | 292      | 297      | 5.84   | cps   |
| Thallium   | 205-1 | 775      | 733      | 950      | 820      | 14.03  | cps   |
| Tin        | 118-1 | 992      | 992      | 900      | 961      | 5.51   | cps   |
| Titanium   | 47-1  | 1000     | 983      | 917      | 967      | 4.56   | cps   |
| Uranium    | 238-1 | 742      | 700      | 650      | 697      | 6.58   | cps   |
| Vanadium   | 51-2  | 210      | 183      | 203      | 199      | 6.98   | cps   |
| Yttrium    | 89-1  | 13344934 | 13419518 | 13545551 | 13436667 | 0.75   | cps   |
| Yttrium    | 89-2  | 2150637  | 2127489  | 2108870  | 2128999  | 0.98   | cps   |
| Zinc       | 66-2  | 118956   | 119228   | 120495   | 119560   | 0.69   | cps   |
| Zirconium  | 90-1  | 1358     | 1492     | 1475     | 1442     | 5.04   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-74-FL2-CL305 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:25:08  | DataFile Name :   | 114SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 342  | 292  | 325     | 8.88   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-03 Instrumnet Name : P7  
 Client Sample ID : DC24741-75-FL2-CL305 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:28:32 DataFile Name : 115SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1825     | 1483     | 1900     | 1736     | 12.79  | cps   |
| Antimony   | 121-1 | 633      | 667      | 792      | 697      | 11.97  | cps   |
| Arsenic    | 75-2  | 178      | 167      | 159      | 168      | 5.55   | cps   |
| Barium     | 135-1 | 67046    | 68026    | 66577    | 67216    | 1.10   | cps   |
| Barium     | 137-1 | 117233   | 117704   | 116888   | 117275   | 0.35   | cps   |
| Beryllium  | 9-1   | 33       | 33       | 39       | 35       | 9.12   | cps   |
| Bismuth    | 209-1 | 11190529 | 11212799 | 11160494 | 11187941 | 0.23   | cps   |
| Bismuth    | 209-2 | 7026914  | 6825624  | 7085222  | 6979253  | 1.95   | cps   |
| Boron      | 10-1  | 1475     | 1483     | 1700     | 1553     | 8.22   | cps   |
| Boron      | 11-1  | 7386     | 8103     | 7769     | 7752     | 4.63   | cps   |
| Cadmium    | 111-1 | 2304     | 2202     | 2287     | 2264     | 2.43   | cps   |
| Cadmium    | 106-1 | 3250     | 3134     | 3234     | 3206     | 1.97   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 8        | 11       | 21.67  | cps   |
| Calcium    | 43-1  | 256006   | 256965   | 255618   | 256196   | 0.27   | cps   |
| Calcium    | 44-1  | 4254005  | 4228135  | 4249782  | 4243974  | 0.33   | cps   |
| Chromium   | 52-2  | 2164     | 2314     | 2374     | 2284     | 4.74   | cps   |
| Cobalt     | 59-2  | 270      | 240      | 213      | 241      | 11.76  | cps   |
| Copper     | 63-2  | 251880   | 252468   | 254463   | 252937   | 0.54   | cps   |
| Dysprosium | 156-1 | 133      | 142      | 100      | 125      | 17.64  | cps   |
| Dysprosium | 156-2 | 27       | 60       | 43       | 43       | 38.46  | cps   |
| Erbium     | 164-1 | 150      | 108      | 133      | 131      | 16.06  | cps   |
| Erbium     | 164-2 | 77       | 93       | 43       | 71       | 35.81  | cps   |
| Gadolinium | 160-1 | 167      | 175      | 158      | 167      | 5.00   | cps   |
| Gadolinium | 160-2 | 147      | 177      | 180      | 168      | 10.94  | cps   |
| Holmium    | 165-1 | 17087610 | 17095097 | 16834917 | 17005875 | 0.87   | cps   |
| Holmium    | 165-2 | 8911408  | 8798640  | 8947519  | 8885856  | 0.87   | cps   |
| Indium     | 115-1 | 12928346 | 12912708 | 12695664 | 12845573 | 1.01   | cps   |
| Indium     | 115-2 | 2738369  | 2707012  | 2727716  | 2724366  | 0.59   | cps   |
| Iron       | 56-2  | 121768   | 121550   | 120449   | 121256   | 0.58   | cps   |
| Iron       | 57-2  | 3706     | 3945     | 3923     | 3858     | 3.42   | cps   |
| Lead       | 206-1 | 4701     | 4679     | 4773     | 4718     | 1.05   | cps   |
| Lead       | 207-1 | 3595     | 3734     | 3617     | 3649     | 2.05   | cps   |
| Lead       | 208-1 | 17416    | 17455    | 17661    | 17511    | 0.75   | cps   |
| Lithium    | 6-1   | 1798598  | 1793490  | 1785202  | 1792430  | 0.38   | cps   |
| Magnesium  | 24-2  | 507343   | 512880   | 514662   | 511628   | 0.75   | cps   |
| Manganese  | 55-2  | 46885    | 46808    | 47022    | 46905    | 0.23   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-75-FL2-CL305 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:28:32  | DataFile Name :   | 115SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 650      | 517      | 525      | 564      | 13.25  | cps   |
| Molybdenum | 95-1  | 242      | 425      | 275      | 314      | 31.11  | cps   |
| Molybdenum | 96-1  | 500      | 467      | 375      | 447      | 14.47  | cps   |
| Molybdenum | 97-1  | 333      | 283      | 200      | 272      | 24.74  | cps   |
| Molybdenum | 98-1  | 417      | 542      | 400      | 453      | 17.10  | cps   |
| Neodymium  | 150-1 | 40       | 107      | 87       | 78       | 43.99  | cps   |
| Neodymium  | 150-2 | 30       | 40       | 20       | 30       | 33.33  | cps   |
| Nickel     | 60-2  | 797      | 827      | 780      | 801      | 2.95   | cps   |
| Phosphorus | 31-2  | 7094     | 7344     | 7811     | 7416     | 4.91   | cps   |
| Potassium  | 39-2  | 259499   | 254803   | 260660   | 258321   | 1.20   | cps   |
| Rhodium    | 103-1 | 12214992 | 12206212 | 12155934 | 12192379 | 0.26   | cps   |
| Rhodium    | 103-2 | 6134649  | 5982916  | 6127566  | 6081710  | 1.41   | cps   |
| Scandium   | 45-1  | 8136662  | 8139434  | 8032808  | 8102968  | 0.75   | cps   |
| Scandium   | 45-2  | 429391   | 423125   | 424088   | 425534   | 0.79   | cps   |
| Selenium   | 77-2  | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 106      | 122      | 113      | 114      | 7.35   | cps   |
| Selenium   | 82-1  | 79       | 107      | -35      | 50       | 149.18 | cps   |
| Silicon    | 28-1  | 8856433  | 8665357  | 8876716  | 8799502  | 1.33   | cps   |
| Silver     | 109-1 | 192      | 208      | 175      | 192      | 8.70   | cps   |
| Silver     | 107-1 | 167      | 225      | 192      | 194      | 15.05  | cps   |
| Sodium     | 23-2  | 8460905  | 8372822  | 8546921  | 8460216  | 1.03   | cps   |
| Strontium  | 86-1  | 93596    | 93042    | 93110    | 93249    | 0.32   | cps   |
| Strontium  | 88-1  | 816780   | 808009   | 808884   | 811224   | 0.60   | cps   |
| Sulfur     | 34-1  | 520908   | 521065   | 518544   | 520172   | 0.27   | cps   |
| Terbium    | 159-1 | 17326079 | 17433257 | 17301400 | 17353579 | 0.40   | cps   |
| Terbium    | 159-2 | 8967996  | 8986572  | 9076111  | 9010226  | 0.64   | cps   |
| Thallium   | 203-1 | 250      | 283      | 417      | 317      | 27.85  | cps   |
| Thallium   | 205-1 | 617      | 642      | 808      | 689      | 15.13  | cps   |
| Tin        | 118-1 | 542      | 667      | 550      | 586      | 11.92  | cps   |
| Titanium   | 47-1  | 1000     | 1058     | 917      | 992      | 7.18   | cps   |
| Uranium    | 238-1 | 783      | 642      | 683      | 703      | 10.36  | cps   |
| Vanadium   | 51-2  | 253      | 303      | 247      | 268      | 11.57  | cps   |
| Yttrium    | 89-1  | 13245846 | 13132090 | 13169666 | 13182534 | 0.44   | cps   |
| Yttrium    | 89-2  | 2129265  | 2107358  | 2134870  | 2123831  | 0.68   | cps   |
| Zinc       | 66-2  | 12626    | 12372    | 12512    | 12503    | 1.02   | cps   |
| Zirconium  | 90-1  | 1292     | 1383     | 1408     | 1361     | 4.51   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-75-FL2-CL305 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:28:32  | DataFile Name :   | 115SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 267  | 258  | 261     | 1.84   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-04 Instrumnet Name : P7  
 Client Sample ID : DC24741-76-FL2-BR305 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:31:57 DataFile Name : 116SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1642     | 1850     | 1809     | 1767     | 6.23   | cps   |
| Antimony   | 121-1 | 1834     | 1784     | 1892     | 1836     | 2.95   | cps   |
| Arsenic    | 75-2  | 170      | 183      | 146      | 167      | 11.28  | cps   |
| Barium     | 135-1 | 72364    | 73108    | 72807    | 72760    | 0.51   | cps   |
| Barium     | 137-1 | 128018   | 128147   | 124640   | 126935   | 1.57   | cps   |
| Beryllium  | 9-1   | 17       | 33       | 11       | 20       | 56.76  | cps   |
| Bismuth    | 209-1 | 11455480 | 11414013 | 11402057 | 11423850 | 0.25   | cps   |
| Bismuth    | 209-2 | 7029283  | 7010524  | 7006677  | 7015495  | 0.17   | cps   |
| Boron      | 10-1  | 1325     | 1675     | 1425     | 1475     | 12.22  | cps   |
| Boron      | 11-1  | 7844     | 7535     | 7911     | 7763     | 2.58   | cps   |
| Cadmium    | 111-1 | 2384     | 2460     | 2359     | 2401     | 2.20   | cps   |
| Cadmium    | 106-1 | 3342     | 3484     | 3309     | 3378     | 2.75   | cps   |
| Cadmium    | 108-1 | 8        | 29       | 17       | 18       | 58.09  | cps   |
| Calcium    | 43-1  | 262780   | 264244   | 262704   | 263243   | 0.33   | cps   |
| Calcium    | 44-1  | 4402209  | 4365765  | 4352052  | 4373342  | 0.59   | cps   |
| Chromium   | 52-2  | 1740     | 1937     | 1790     | 1822     | 5.61   | cps   |
| Cobalt     | 59-2  | 247      | 263      | 270      | 260      | 4.62   | cps   |
| Copper     | 63-2  | 668245   | 668840   | 669766   | 668950   | 0.11   | cps   |
| Dysprosium | 156-1 | 83       | 108      | 83       | 92       | 15.74  | cps   |
| Dysprosium | 156-2 | 60       | 73       | 47       | 60       | 22.22  | cps   |
| Erbium     | 164-1 | 158      | 192      | 67       | 139      | 46.61  | cps   |
| Erbium     | 164-2 | 57       | 80       | 43       | 60       | 30.93  | cps   |
| Gadolinium | 160-1 | 233      | 275      | 192      | 233      | 17.86  | cps   |
| Gadolinium | 160-2 | 133      | 193      | 157      | 161      | 18.77  | cps   |
| Holmium    | 165-1 | 17656518 | 17190654 | 17095154 | 17314108 | 1.73   | cps   |
| Holmium    | 165-2 | 8951727  | 8960548  | 8966694  | 8959657  | 0.08   | cps   |
| Indium     | 115-1 | 13281921 | 13307004 | 13264101 | 13284342 | 0.16   | cps   |
| Indium     | 115-2 | 2739182  | 2737492  | 2745742  | 2740805  | 0.16   | cps   |
| Iron       | 56-2  | 104072   | 108779   | 113809   | 108887   | 4.47   | cps   |
| Iron       | 57-2  | 3823     | 3595     | 3028     | 3482     | 11.75  | cps   |
| Lead       | 206-1 | 19131    | 19459    | 18636    | 19075    | 2.17   | cps   |
| Lead       | 207-1 | 15893    | 16121    | 15966    | 15993    | 0.73   | cps   |
| Lead       | 208-1 | 75068    | 75803    | 73943    | 74938    | 1.25   | cps   |
| Lithium    | 6-1   | 1830717  | 1829115  | 1818002  | 1825945  | 0.38   | cps   |
| Magnesium  | 24-2  | 516143   | 519705   | 518282   | 518043   | 0.35   | cps   |
| Manganese  | 55-2  | 45086    | 43906    | 44063    | 44351    | 1.44   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-04 Instrumnet Name : P7  
 Client Sample ID : DC24741-76-FL2-BR305 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:31:57 DataFile Name : 116SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 717      | 742      | 592      | 683      | 11.76   | cps   |
| Molybdenum | 95-1  | 333      | 258      | 258      | 283      | 15.28   | cps   |
| Molybdenum | 96-1  | 383      | 433      | 358      | 392      | 9.75    | cps   |
| Molybdenum | 97-1  | 292      | 242      | 275      | 269      | 9.45    | cps   |
| Molybdenum | 98-1  | 542      | 458      | 492      | 497      | 8.43    | cps   |
| Neodymium  | 150-1 | 47       | 47       | 93       | 62       | 43.30   | cps   |
| Neodymium  | 150-2 | 33       | 33       | 20       | 29       | 26.64   | cps   |
| Nickel     | 60-2  | 6518     | 6465     | 6175     | 6386     | 2.89    | cps   |
| Phosphorus | 31-2  | 7077     | 7294     | 7360     | 7244     | 2.05    | cps   |
| Potassium  | 39-2  | 257785   | 261398   | 261049   | 260077   | 0.77    | cps   |
| Rhodium    | 103-1 | 12527333 | 12426598 | 12436902 | 12463611 | 0.44    | cps   |
| Rhodium    | 103-2 | 6160267  | 6081793  | 6118216  | 6120092  | 0.64    | cps   |
| Scandium   | 45-1  | 8411112  | 8312578  | 8232033  | 8318574  | 1.08    | cps   |
| Scandium   | 45-2  | 426099   | 429998   | 423673   | 426590   | 0.75    | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 115      | 126      | 113      | 118      | 5.95    | cps   |
| Selenium   | 82-1  | 49       | -92      | 54       | 4        | 2193.40 | cps   |
| Silicon    | 28-1  | 8935481  | 8865106  | 9324202  | 9041596  | 2.73    | cps   |
| Silver     | 109-1 | 250      | 275      | 258      | 261      | 4.87    | cps   |
| Silver     | 107-1 | 325      | 283      | 208      | 272      | 21.72   | cps   |
| Sodium     | 23-2  | 8490871  | 8527580  | 8518943  | 8512465  | 0.23    | cps   |
| Strontium  | 86-1  | 98017    | 96574    | 97623    | 97405    | 0.77    | cps   |
| Strontium  | 88-1  | 849174   | 846433   | 836801   | 844136   | 0.77    | cps   |
| Sulfur     | 34-1  | 531949   | 533379   | 531266   | 532198   | 0.20    | cps   |
| Terbium    | 159-1 | 18060590 | 17704050 | 17627893 | 17797511 | 1.30    | cps   |
| Terbium    | 159-2 | 9066675  | 9052229  | 9022912  | 9047272  | 0.25    | cps   |
| Thallium   | 203-1 | 175      | 333      | 300      | 269      | 30.98   | cps   |
| Thallium   | 205-1 | 675      | 725      | 767      | 722      | 6.35    | cps   |
| Tin        | 118-1 | 692      | 525      | 458      | 558      | 21.53   | cps   |
| Titanium   | 47-1  | 933      | 1042     | 950      | 975      | 5.98    | cps   |
| Uranium    | 238-1 | 592      | 600      | 558      | 583      | 3.78    | cps   |
| Vanadium   | 51-2  | 263      | 357      | 363      | 328      | 17.06   | cps   |
| Yttrium    | 89-1  | 13624484 | 13521339 | 13478444 | 13541422 | 0.55    | cps   |
| Yttrium    | 89-2  | 2144336  | 2147824  | 2137006  | 2143055  | 0.26    | cps   |
| Zinc       | 66-2  | 99832    | 98600    | 99020    | 99151    | 0.63    | cps   |
| Zirconium  | 90-1  | 1467     | 1642     | 1509     | 1539     | 5.94    | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-76-FL2-BR305 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:31:57  | DataFile Name :   | 116SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 325  | 267  | 286     | 11.77  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-05 Instrumnet Name : P7  
 Client Sample ID : DC24741-77-FL2-BR305 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:35:21 DataFile Name : 117SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1325     | 1859     | 1533     | 1572     | 17.10  | cps   |
| Antimony   | 121-1 | 883      | 742      | 875      | 833      | 9.54   | cps   |
| Arsenic    | 75-2  | 154      | 174      | 169      | 165      | 6.36   | cps   |
| Barium     | 135-1 | 70806    | 71065    | 69600    | 70490    | 1.11   | cps   |
| Barium     | 137-1 | 124168   | 122328   | 120469   | 122322   | 1.51   | cps   |
| Beryllium  | 9-1   | 28       | 28       | 39       | 31       | 20.37  | cps   |
| Bismuth    | 209-1 | 11460351 | 11363007 | 11574892 | 11466083 | 0.92   | cps   |
| Bismuth    | 209-2 | 7118229  | 7087064  | 7054369  | 7086554  | 0.45   | cps   |
| Boron      | 10-1  | 1608     | 1425     | 1834     | 1622     | 12.61  | cps   |
| Boron      | 11-1  | 8194     | 8186     | 8169     | 8183     | 0.16   | cps   |
| Cadmium    | 111-1 | 2418     | 2415     | 2442     | 2425     | 0.60   | cps   |
| Cadmium    | 106-1 | 3426     | 3417     | 3426     | 3423     | 0.14   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 8        | 10       | 24.77  | cps   |
| Calcium    | 43-1  | 262996   | 264603   | 266048   | 264549   | 0.58   | cps   |
| Calcium    | 44-1  | 4365972  | 4366778  | 4341704  | 4358151  | 0.33   | cps   |
| Chromium   | 52-2  | 1467     | 1503     | 1617     | 1529     | 5.12   | cps   |
| Cobalt     | 59-2  | 217      | 250      | 240      | 236      | 7.26   | cps   |
| Copper     | 63-2  | 395658   | 395186   | 397704   | 396183   | 0.34   | cps   |
| Dysprosium | 156-1 | 117      | 83       | 75       | 92       | 24.05  | cps   |
| Dysprosium | 156-2 | 83       | 60       | 53       | 66       | 24.03  | cps   |
| Erbium     | 164-1 | 158      | 125      | 192      | 158      | 21.05  | cps   |
| Erbium     | 164-2 | 73       | 80       | 97       | 83       | 14.42  | cps   |
| Gadolinium | 160-1 | 258      | 225      | 142      | 208      | 28.85  | cps   |
| Gadolinium | 160-2 | 183      | 233      | 190      | 202      | 13.43  | cps   |
| Holmium    | 165-1 | 17331997 | 17530149 | 17353717 | 17405288 | 0.62   | cps   |
| Holmium    | 165-2 | 9070046  | 9002044  | 9093143  | 9055078  | 0.52   | cps   |
| Indium     | 115-1 | 13245660 | 13291062 | 13258408 | 13265043 | 0.18   | cps   |
| Indium     | 115-2 | 2744032  | 2746304  | 2754389  | 2748242  | 0.20   | cps   |
| Iron       | 56-2  | 114123   | 110319   | 109976   | 111473   | 2.07   | cps   |
| Iron       | 57-2  | 3289     | 3328     | 3228     | 3282     | 1.54   | cps   |
| Lead       | 206-1 | 3695     | 3817     | 3734     | 3749     | 1.67   | cps   |
| Lead       | 207-1 | 3223     | 3123     | 3239     | 3195     | 1.98   | cps   |
| Lead       | 208-1 | 14904    | 14670    | 14854    | 14809    | 0.83   | cps   |
| Lithium    | 6-1   | 1858117  | 1855326  | 1871085  | 1861509  | 0.45   | cps   |
| Magnesium  | 24-2  | 525241   | 518823   | 520885   | 521650   | 0.63   | cps   |
| Manganese  | 55-2  | 46945    | 46530    | 46420    | 46632    | 0.59   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-77-FL2-BR305 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:35:21  | DataFile Name :   | 117SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 825      | 683      | 650      | 719      | 12.92  | cps   |
| Molybdenum | 95-1  | 217      | 258      | 233      | 236      | 8.88   | cps   |
| Molybdenum | 96-1  | 458      | 408      | 317      | 394      | 18.21  | cps   |
| Molybdenum | 97-1  | 208      | 183      | 250      | 214      | 15.75  | cps   |
| Molybdenum | 98-1  | 458      | 467      | 600      | 508      | 15.64  | cps   |
| Neodymium  | 150-1 | 80       | 147      | 67       | 98       | 43.83  | cps   |
| Neodymium  | 150-2 | 23       | 53       | 33       | 37       | 41.66  | cps   |
| Nickel     | 60-2  | 760      | 733      | 747      | 747      | 1.79   | cps   |
| Phosphorus | 31-2  | 7477     | 7502     | 7294     | 7424     | 1.53   | cps   |
| Potassium  | 39-2  | 264637   | 260495   | 264453   | 263195   | 0.89   | cps   |
| Rhodium    | 103-1 | 12382370 | 12456416 | 12521504 | 12453430 | 0.56   | cps   |
| Rhodium    | 103-2 | 6276095  | 6239026  | 6198085  | 6237735  | 0.63   | cps   |
| Scandium   | 45-1  | 8325348  | 8417389  | 8385654  | 8376130  | 0.56   | cps   |
| Scandium   | 45-2  | 426614   | 427144   | 428103   | 427287   | 0.18   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 83       | 107      | 111      | 101      | 14.99  | cps   |
| Selenium   | 82-1  | 75       | 54       | 10       | 46       | 71.36  | cps   |
| Silicon    | 28-1  | 9060732  | 9063898  | 9044350  | 9056327  | 0.12   | cps   |
| Silver     | 109-1 | 158      | 150      | 183      | 164      | 10.58  | cps   |
| Silver     | 107-1 | 225      | 217      | 275      | 239      | 13.21  | cps   |
| Sodium     | 23-2  | 8692734  | 8616613  | 8581215  | 8630187  | 0.66   | cps   |
| Strontium  | 86-1  | 97036    | 96147    | 95491    | 96225    | 0.81   | cps   |
| Strontium  | 88-1  | 843440   | 839065   | 838102   | 840202   | 0.34   | cps   |
| Sulfur     | 34-1  | 539867   | 542661   | 539191   | 540573   | 0.34   | cps   |
| Terbium    | 159-1 | 17854863 | 17917962 | 17888456 | 17887094 | 0.18   | cps   |
| Terbium    | 159-2 | 9060385  | 9010376  | 8996150  | 9022304  | 0.37   | cps   |
| Thallium   | 203-1 | 367      | 400      | 283      | 350      | 17.17  | cps   |
| Thallium   | 205-1 | 917      | 758      | 783      | 820      | 10.39  | cps   |
| Tin        | 118-1 | 508      | 592      | 625      | 575      | 10.45  | cps   |
| Titanium   | 47-1  | 1000     | 1008     | 1117     | 1042     | 6.25   | cps   |
| Uranium    | 238-1 | 833      | 717      | 833      | 795      | 8.48   | cps   |
| Vanadium   | 51-2  | 190      | 207      | 217      | 204      | 6.59   | cps   |
| Yttrium    | 89-1  | 13539809 | 13613020 | 13494816 | 13549215 | 0.44   | cps   |
| Yttrium    | 89-2  | 2147250  | 2140474  | 2161889  | 2149871  | 0.51   | cps   |
| Zinc       | 66-2  | 11465    | 10681    | 11218    | 11121    | 3.60   | cps   |
| Zirconium  | 90-1  | 1308     | 1400     | 1292     | 1333     | 4.37   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-77-FL2-BR305 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:35:21  | DataFile Name :   | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 417  | 267  | 300  | 328     | 24.03  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-06 Instrumnet Name : P7  
 Client Sample ID : DC24741-78-FL2-CL310 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:38:45 DataFile Name : 118SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1250     | 1125     | 1208     | 1195     | 5.33   | cps   |
| Antimony   | 121-1 | 1258     | 1367     | 1292     | 1306     | 4.25   | cps   |
| Arsenic    | 75-2  | 139      | 172      | 185      | 165      | 14.44  | cps   |
| Barium     | 135-1 | 71643    | 70680    | 72381    | 71568    | 1.19   | cps   |
| Barium     | 137-1 | 123168   | 121099   | 123461   | 122576   | 1.05   | cps   |
| Beryllium  | 9-1   | 11       | 33       | 28       | 24       | 48.04  | cps   |
| Bismuth    | 209-1 | 11359363 | 11364912 | 11350812 | 11358362 | 0.06   | cps   |
| Bismuth    | 209-2 | 6735116  | 7278340  | 7130500  | 7047985  | 3.98   | cps   |
| Boron      | 10-1  | 1558     | 1750     | 1709     | 1672     | 6.03   | cps   |
| Boron      | 11-1  | 8244     | 7577     | 8528     | 8116     | 6.01   | cps   |
| Cadmium    | 111-1 | 2505     | 2644     | 2555     | 2568     | 2.74   | cps   |
| Cadmium    | 106-1 | 3601     | 3742     | 3684     | 3676     | 1.94   | cps   |
| Cadmium    | 108-1 | 100      | 108      | 117      | 108      | 7.69   | cps   |
| Calcium    | 43-1  | 274894   | 271305   | 274342   | 273514   | 0.71   | cps   |
| Calcium    | 44-1  | 4532808  | 4509725  | 4443178  | 4495237  | 1.04   | cps   |
| Chromium   | 52-2  | 1770     | 1703     | 1680     | 1718     | 2.72   | cps   |
| Cobalt     | 59-2  | 927      | 963      | 1003     | 964      | 3.98   | cps   |
| Copper     | 63-2  | 820179   | 821176   | 829238   | 823531   | 0.60   | cps   |
| Dysprosium | 156-1 | 67       | 58       | 117      | 81       | 39.16  | cps   |
| Dysprosium | 156-2 | 50       | 50       | 40       | 47       | 12.37  | cps   |
| Erbium     | 164-1 | 167      | 125      | 75       | 122      | 37.55  | cps   |
| Erbium     | 164-2 | 43       | 70       | 57       | 57       | 23.53  | cps   |
| Gadolinium | 160-1 | 267      | 217      | 133      | 206      | 32.77  | cps   |
| Gadolinium | 160-2 | 117      | 217      | 173      | 169      | 29.69  | cps   |
| Holmium    | 165-1 | 17132644 | 17360598 | 17260989 | 17251410 | 0.66   | cps   |
| Holmium    | 165-2 | 8928307  | 9085783  | 9037084  | 9017058  | 0.89   | cps   |
| Indium     | 115-1 | 13258633 | 13215968 | 13208264 | 13227622 | 0.21   | cps   |
| Indium     | 115-2 | 2729101  | 2770691  | 2742248  | 2747347  | 0.77   | cps   |
| Iron       | 56-2  | 233696   | 243434   | 249453   | 242195   | 3.28   | cps   |
| Iron       | 57-2  | 6313     | 6679     | 7035     | 6676     | 5.41   | cps   |
| Lead       | 206-1 | 18285    | 17979    | 17773    | 18013    | 1.43   | cps   |
| Lead       | 207-1 | 15220    | 15170    | 15092    | 15161    | 0.43   | cps   |
| Lead       | 208-1 | 71265    | 71478    | 70163    | 70968    | 0.99   | cps   |
| Lithium    | 6-1   | 1880623  | 1882790  | 1870258  | 1877890  | 0.36   | cps   |
| Magnesium  | 24-2  | 548931   | 545902   | 540459   | 545097   | 0.79   | cps   |
| Manganese  | 55-2  | 55157    | 54953    | 53979    | 54696    | 1.15   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-06 Instrumnet Name : P7  
 Client Sample ID : DC24741-78-FL2-CL310 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:38:45 DataFile Name : 118SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 642      | 567      | 650      | 619      | 7.41   | cps   |
| Molybdenum | 95-1  | 317      | 250      | 242      | 269      | 15.26  | cps   |
| Molybdenum | 96-1  | 342      | 375      | 333      | 350      | 6.30   | cps   |
| Molybdenum | 97-1  | 150      | 275      | 275      | 233      | 30.93  | cps   |
| Molybdenum | 98-1  | 642      | 467      | 433      | 514      | 21.78  | cps   |
| Neodymium  | 150-1 | 67       | 47       | 93       | 69       | 33.99  | cps   |
| Neodymium  | 150-2 | 17       | 20       | 30       | 22       | 31.22  | cps   |
| Nickel     | 60-2  | 1033486  | 1037087  | 1036454  | 1035675  | 0.19   | cps   |
| Phosphorus | 31-2  | 5151     | 5151     | 4651     | 4984     | 5.79   | cps   |
| Potassium  | 39-2  | 289464   | 289070   | 287289   | 288607   | 0.40   | cps   |
| Rhodium    | 103-1 | 12606484 | 12420664 | 12442237 | 12489795 | 0.81   | cps   |
| Rhodium    | 103-2 | 6077699  | 6239557  | 6154267  | 6157174  | 1.32   | cps   |
| Scandium   | 45-1  | 8322825  | 8350498  | 8234381  | 8302568  | 0.73   | cps   |
| Scandium   | 45-2  | 417968   | 436809   | 430112   | 428296   | 2.23   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 96       | 96       | 117      | 103      | 11.41  | cps   |
| Selenium   | 82-1  | -70      | 78       | 27       | 12       | 649.69 | cps   |
| Silicon    | 28-1  | 9372723  | 9347190  | 9327569  | 9349161  | 0.24   | cps   |
| Silver     | 109-1 | 383      | 275      | 358      | 339      | 16.74  | cps   |
| Silver     | 107-1 | 375      | 375      | 417      | 389      | 6.19   | cps   |
| Sodium     | 23-2  | 8709932  | 8652638  | 8727300  | 8696623  | 0.45   | cps   |
| Strontium  | 86-1  | 99132    | 99024    | 99452    | 99203    | 0.22   | cps   |
| Strontium  | 88-1  | 876249   | 865632   | 863309   | 868397   | 0.79   | cps   |
| Sulfur     | 34-1  | 542741   | 540551   | 545562   | 542951   | 0.46   | cps   |
| Terbium    | 159-1 | 17672201 | 17581838 | 17521952 | 17591997 | 0.43   | cps   |
| Terbium    | 159-2 | 8942717  | 9119265  | 9044374  | 9035452  | 0.98   | cps   |
| Thallium   | 203-1 | 333      | 392      | 267      | 331      | 18.92  | cps   |
| Thallium   | 205-1 | 892      | 900      | 750      | 847      | 9.95   | cps   |
| Tin        | 118-1 | 733      | 733      | 600      | 689      | 11.18  | cps   |
| Titanium   | 47-1  | 767      | 825      | 917      | 836      | 9.04   | cps   |
| Uranium    | 238-1 | 608      | 658      | 667      | 644      | 4.90   | cps   |
| Vanadium   | 51-2  | 220      | 270      | 220      | 237      | 12.20  | cps   |
| Yttrium    | 89-1  | 13663706 | 13577747 | 13436125 | 13559193 | 0.85   | cps   |
| Yttrium    | 89-2  | 2113775  | 2170151  | 2135411  | 2139779  | 1.33   | cps   |
| Zinc       | 66-2  | 1208667  | 1201258  | 1201494  | 1203807  | 0.35   | cps   |
| Zirconium  | 90-1  | 1175     | 1333     | 1375     | 1295     | 8.15   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-78-FL2-CL310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:38:45  | DataFile Name :   | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 400  | 208  | 294     | 33.05  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-79-FL2-CL310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:42:10  | DataFile Name :   | 119SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1475     | 1233     | 1292     | 1333     | 9.46   | cps   |
| Antimony   | 121-1 | 667      | 792      | 817      | 758      | 10.60  | cps   |
| Arsenic    | 75-2  | 189      | 157      | 174      | 173      | 9.08   | cps   |
| Barium     | 135-1 | 68469    | 68771    | 67590    | 68277    | 0.90   | cps   |
| Barium     | 137-1 | 117259   | 118528   | 115930   | 117239   | 1.11   | cps   |
| Beryllium  | 9-1   | 28       | 33       | 61       | 41       | 43.83  | cps   |
| Bismuth    | 209-1 | 11277477 | 11236736 | 11334544 | 11282919 | 0.44   | cps   |
| Bismuth    | 209-2 | 6960421  | 6977460  | 6635432  | 6857771  | 2.81   | cps   |
| Boron      | 10-1  | 1642     | 1875     | 1600     | 1706     | 8.69   | cps   |
| Boron      | 11-1  | 7752     | 7977     | 8503     | 8077     | 4.77   | cps   |
| Cadmium    | 111-1 | 2402     | 2538     | 2529     | 2490     | 3.05   | cps   |
| Cadmium    | 106-1 | 3392     | 3601     | 3584     | 3526     | 3.29   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 13       | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 261464   | 262748   | 263688   | 262633   | 0.42   | cps   |
| Calcium    | 44-1  | 4315058  | 4322020  | 4356232  | 4331103  | 0.51   | cps   |
| Chromium   | 52-2  | 1860     | 1790     | 1593     | 1748     | 7.91   | cps   |
| Cobalt     | 59-2  | 167      | 220      | 200      | 196      | 13.78  | cps   |
| Copper     | 63-2  | 223203   | 222408   | 224085   | 223232   | 0.38   | cps   |
| Dysprosium | 156-1 | 158      | 75       | 83       | 106      | 43.48  | cps   |
| Dysprosium | 156-2 | 47       | 73       | 50       | 57       | 25.64  | cps   |
| Erbium     | 164-1 | 108      | 108      | 133      | 117      | 12.37  | cps   |
| Erbium     | 164-2 | 80       | 83       | 47       | 70       | 28.96  | cps   |
| Gadolinium | 160-1 | 192      | 150      | 192      | 178      | 13.53  | cps   |
| Gadolinium | 160-2 | 167      | 173      | 200      | 180      | 9.80   | cps   |
| Holmium    | 165-1 | 17040197 | 17057910 | 17230075 | 17109394 | 0.61   | cps   |
| Holmium    | 165-2 | 8892449  | 8984635  | 8897759  | 8924948  | 0.58   | cps   |
| Indium     | 115-1 | 13271104 | 13003373 | 13338932 | 13204470 | 1.34   | cps   |
| Indium     | 115-2 | 2691885  | 2688526  | 2725274  | 2701895  | 0.75   | cps   |
| Iron       | 56-2  | 111186   | 111359   | 111175   | 111240   | 0.09   | cps   |
| Iron       | 57-2  | 3551     | 3578     | 3339     | 3489     | 3.74   | cps   |
| Lead       | 206-1 | 3278     | 2839     | 3389     | 3169     | 9.18   | cps   |
| Lead       | 207-1 | 2617     | 2689     | 2912     | 2739     | 5.60   | cps   |
| Lead       | 208-1 | 12414    | 12030    | 13042    | 12495    | 4.09   | cps   |
| Lithium    | 6-1   | 1873773  | 1876572  | 1864818  | 1871721  | 0.33   | cps   |
| Magnesium  | 24-2  | 513752   | 520725   | 514086   | 516188   | 0.76   | cps   |
| Manganese  | 55-2  | 45641    | 45223    | 45427    | 45430    | 0.46   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-79-FL2-CL310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:42:10  | DataFile Name :   | 119SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 658      | 658      | 625      | 647      | 2.97   | cps   |
| Molybdenum | 95-1  | 275      | 383      | 283      | 314      | 19.21  | cps   |
| Molybdenum | 96-1  | 483      | 417      | 375      | 425      | 12.86  | cps   |
| Molybdenum | 97-1  | 192      | 250      | 225      | 222      | 13.17  | cps   |
| Molybdenum | 98-1  | 475      | 425      | 483      | 461      | 6.84   | cps   |
| Neodymium  | 150-1 | 73       | 107      | 93       | 91       | 18.41  | cps   |
| Neodymium  | 150-2 | 37       | 27       | 33       | 32       | 15.80  | cps   |
| Nickel     | 60-2  | 13860    | 13637    | 13233    | 13576    | 2.34   | cps   |
| Phosphorus | 31-2  | 7510     | 6835     | 7711     | 7352     | 6.24   | cps   |
| Potassium  | 39-2  | 258014   | 260657   | 259584   | 259418   | 0.51   | cps   |
| Rhodium    | 103-1 | 12238362 | 12282380 | 12426871 | 12315871 | 0.80   | cps   |
| Rhodium    | 103-2 | 6093765  | 6102761  | 5973368  | 6056631  | 1.19   | cps   |
| Scandium   | 45-1  | 8214584  | 8187328  | 8404752  | 8268888  | 1.43   | cps   |
| Scandium   | 45-2  | 422771   | 422542   | 423868   | 423060   | 0.17   | cps   |
| Selenium   | 77-2  | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 96       | 83       | 102      | 94       | 10.13  | cps   |
| Selenium   | 82-1  | 62       | 24       | 75       | 53       | 49.81  | cps   |
| Silicon    | 28-1  | 9063535  | 9140566  | 9028869  | 9077657  | 0.63   | cps   |
| Silver     | 109-1 | 158      | 108      | 100      | 122      | 25.81  | cps   |
| Silver     | 107-1 | 150      | 250      | 167      | 189      | 28.36  | cps   |
| Sodium     | 23-2  | 8469836  | 8571092  | 8464447  | 8501792  | 0.71   | cps   |
| Strontium  | 86-1  | 95392    | 93227    | 94828    | 94482    | 1.19   | cps   |
| Strontium  | 88-1  | 826853   | 813246   | 811575   | 817224   | 1.03   | cps   |
| Sulfur     | 34-1  | 543354   | 545203   | 550956   | 546504   | 0.73   | cps   |
| Terbium    | 159-1 | 17612570 | 17496081 | 17734771 | 17614474 | 0.68   | cps   |
| Terbium    | 159-2 | 8822132  | 8897818  | 8974452  | 8898134  | 0.86   | cps   |
| Thallium   | 203-1 | 333      | 250      | 317      | 300      | 14.70  | cps   |
| Thallium   | 205-1 | 767      | 758      | 833      | 786      | 5.23   | cps   |
| Tin        | 118-1 | 933      | 758      | 983      | 892      | 13.25  | cps   |
| Titanium   | 47-1  | 883      | 1142     | 950      | 992      | 13.52  | cps   |
| Uranium    | 238-1 | 792      | 750      | 708      | 750      | 5.56   | cps   |
| Vanadium   | 51-2  | 237      | 213      | 270      | 240      | 11.87  | cps   |
| Yttrium    | 89-1  | 13353674 | 13317352 | 13397472 | 13356166 | 0.30   | cps   |
| Yttrium    | 89-2  | 2115139  | 2118097  | 2111656  | 2114964  | 0.15   | cps   |
| Zinc       | 66-2  | 17070    | 17244    | 17164    | 17159    | 0.51   | cps   |
| Zirconium  | 90-1  | 1408     | 1358     | 1375     | 1381     | 1.84   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-79-FL2-CL310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:42:10  | DataFile Name :   | 119SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 275  | 308  | 297     | 6.48   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-08 Instrumnet Name : P7  
 Client Sample ID : DC24741-80-FL2-BR310 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:45:34 DataFile Name : 120SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2125     | 2050     | 1825     | 2000     | 7.81   | cps   |
| Antimony   | 121-1 | 1375     | 1450     | 1392     | 1406     | 2.80   | cps   |
| Arsenic    | 75-2  | 202      | 165      | 181      | 183      | 10.15  | cps   |
| Barium     | 135-1 | 71861    | 70680    | 69390    | 70644    | 1.75   | cps   |
| Barium     | 137-1 | 123639   | 123738   | 120529   | 122635   | 1.49   | cps   |
| Beryllium  | 9-1   | 39       | 17       | 11       | 22       | 66.14  | cps   |
| Bismuth    | 209-1 | 11477679 | 11310536 | 11328343 | 11372186 | 0.81   | cps   |
| Bismuth    | 209-2 | 7006385  | 6636695  | 6842228  | 6828436  | 2.71   | cps   |
| Boron      | 10-1  | 1633     | 1600     | 1500     | 1578     | 4.40   | cps   |
| Boron      | 11-1  | 7886     | 7961     | 7944     | 7930     | 0.50   | cps   |
| Cadmium    | 111-1 | 2658     | 2672     | 2624     | 2651     | 0.94   | cps   |
| Cadmium    | 106-1 | 3442     | 3576     | 3426     | 3481     | 2.36   | cps   |
| Cadmium    | 108-1 | 79       | 92       | 100      | 90       | 11.61  | cps   |
| Calcium    | 43-1  | 271483   | 265883   | 263608   | 266991   | 1.52   | cps   |
| Calcium    | 44-1  | 4472455  | 4416044  | 4374241  | 4420913  | 1.11   | cps   |
| Chromium   | 52-2  | 1610     | 1673     | 1610     | 1631     | 2.24   | cps   |
| Cobalt     | 59-2  | 620      | 620      | 513      | 584      | 10.54  | cps   |
| Copper     | 63-2  | 597772   | 594744   | 598336   | 596951   | 0.32   | cps   |
| Dysprosium | 156-1 | 92       | 75       | 142      | 103      | 33.75  | cps   |
| Dysprosium | 156-2 | 63       | 67       | 53       | 61       | 11.36  | cps   |
| Erbium     | 164-1 | 150      | 183      | 125      | 153      | 19.15  | cps   |
| Erbium     | 164-2 | 60       | 107      | 80       | 82       | 28.48  | cps   |
| Gadolinium | 160-1 | 192      | 258      | 217      | 222      | 15.16  | cps   |
| Gadolinium | 160-2 | 200      | 197      | 190      | 196      | 2.61   | cps   |
| Holmium    | 165-1 | 17304148 | 17227483 | 17062837 | 17198156 | 0.72   | cps   |
| Holmium    | 165-2 | 8994807  | 8973366  | 8856732  | 8941635  | 0.83   | cps   |
| Indium     | 115-1 | 13260633 | 12987135 | 13027168 | 13091645 | 1.13   | cps   |
| Indium     | 115-2 | 2737333  | 2720196  | 2707477  | 2721669  | 0.55   | cps   |
| Iron       | 56-2  | 169951   | 172505   | 167243   | 169899   | 1.55   | cps   |
| Iron       | 57-2  | 4984     | 5384     | 5396     | 5255     | 4.46   | cps   |
| Lead       | 206-1 | 43265    | 42307    | 43109    | 42894    | 1.20   | cps   |
| Lead       | 207-1 | 36918    | 35793    | 36495    | 36402    | 1.56   | cps   |
| Lead       | 208-1 | 170237   | 166851   | 166046   | 167711   | 1.33   | cps   |
| Lithium    | 6-1   | 1873146  | 1852844  | 1846920  | 1857637  | 0.74   | cps   |
| Magnesium  | 24-2  | 529326   | 519836   | 526194   | 525119   | 0.92   | cps   |
| Manganese  | 55-2  | 71245    | 71811    | 72182    | 71746    | 0.66   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-80-FL2-BR310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:45:34  | DataFile Name :   | 120SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 700      | 817      | 658      | 725      | 11.32  | cps   |
| Molybdenum | 95-1  | 200      | 258      | 367      | 275      | 30.75  | cps   |
| Molybdenum | 96-1  | 442      | 367      | 500      | 436      | 15.33  | cps   |
| Molybdenum | 97-1  | 217      | 233      | 300      | 250      | 17.64  | cps   |
| Molybdenum | 98-1  | 425      | 467      | 433      | 442      | 4.99   | cps   |
| Neodymium  | 150-1 | 93       | 100      | 113      | 102      | 9.96   | cps   |
| Neodymium  | 150-2 | 33       | 37       | 20       | 30       | 29.40  | cps   |
| Nickel     | 60-2  | 67662    | 66765    | 67284    | 67237    | 0.67   | cps   |
| Phosphorus | 31-2  | 7152     | 7160     | 7069     | 7127     | 0.71   | cps   |
| Potassium  | 39-2  | 264688   | 260777   | 265519   | 263662   | 0.96   | cps   |
| Rhodium    | 103-1 | 12465302 | 12445388 | 12326063 | 12412251 | 0.61   | cps   |
| Rhodium    | 103-2 | 6133097  | 6031614  | 6003785  | 6056165  | 1.12   | cps   |
| Scandium   | 45-1  | 8285546  | 8289734  | 8201497  | 8258926  | 0.60   | cps   |
| Scandium   | 45-2  | 423176   | 419524   | 422967   | 421889   | 0.49   | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 143      | 124      | 96       | 121      | 19.26  | cps   |
| Selenium   | 82-1  | 91       | 51       | -28      | 38       | 158.32 | cps   |
| Silicon    | 28-1  | 9288756  | 9168006  | 8972509  | 9143090  | 1.75   | cps   |
| Silver     | 109-1 | 450      | 417      | 517      | 461      | 11.04  | cps   |
| Silver     | 107-1 | 525      | 583      | 550      | 553      | 5.29   | cps   |
| Sodium     | 23-2  | 8713547  | 8646637  | 8637169  | 8665784  | 0.48   | cps   |
| Strontium  | 86-1  | 97371    | 97211    | 94124    | 96236    | 1.90   | cps   |
| Strontium  | 88-1  | 849448   | 842014   | 839710   | 843724   | 0.60   | cps   |
| Sulfur     | 34-1  | 549746   | 543305   | 549245   | 547432   | 0.65   | cps   |
| Terbium    | 159-1 | 17907822 | 17649809 | 17513733 | 17690455 | 1.13   | cps   |
| Terbium    | 159-2 | 8999777  | 8900168  | 8848872  | 8916272  | 0.86   | cps   |
| Thallium   | 203-1 | 400      | 358      | 408      | 389      | 6.89   | cps   |
| Thallium   | 205-1 | 1058     | 958      | 1067     | 1028     | 5.87   | cps   |
| Tin        | 118-1 | 1317     | 1217     | 1559     | 1364     | 12.88  | cps   |
| Titanium   | 47-1  | 1050     | 1192     | 1342     | 1195     | 12.21  | cps   |
| Uranium    | 238-1 | 792      | 983      | 792      | 856      | 12.93  | cps   |
| Vanadium   | 51-2  | 297      | 220      | 300      | 272      | 16.62  | cps   |
| Yttrium    | 89-1  | 13530638 | 13384695 | 13382187 | 13432507 | 0.63   | cps   |
| Yttrium    | 89-2  | 2128624  | 2106051  | 2118873  | 2117849  | 0.53   | cps   |
| Zinc       | 66-2  | 675068   | 672197   | 670802   | 672689   | 0.32   | cps   |
| Zirconium  | 90-1  | 1659     | 1592     | 1525     | 1592     | 4.19   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-80-FL2-BR310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:45:34  | DataFile Name :   | 120SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 233  | 358  | 300     | 20.97  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-81-FL2-BR310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:49:00  | DataFile Name :   | 121SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1450     | 1559     | 1558     | 1522     | 4.11   | cps   |
| Antimony   | 121-1 | 650      | 750      | 858      | 753      | 13.84  | cps   |
| Arsenic    | 75-2  | 211      | 178      | 170      | 186      | 11.64  | cps   |
| Barium     | 135-1 | 69348    | 68653    | 67473    | 68492    | 1.38   | cps   |
| Barium     | 137-1 | 119764   | 119317   | 117343   | 118808   | 1.08   | cps   |
| Beryllium  | 9-1   | 28       | 39       | 22       | 30       | 28.65  | cps   |
| Bismuth    | 209-1 | 11466115 | 11477238 | 11357588 | 11433647 | 0.58   | cps   |
| Bismuth    | 209-2 | 6914188  | 7120230  | 7112713  | 7049044  | 1.66   | cps   |
| Boron      | 10-1  | 1725     | 1525     | 1800     | 1684     | 8.45   | cps   |
| Boron      | 11-1  | 7877     | 7794     | 7911     | 7861     | 0.76   | cps   |
| Cadmium    | 111-1 | 2363     | 2365     | 2300     | 2342     | 1.58   | cps   |
| Cadmium    | 106-1 | 3342     | 3351     | 3234     | 3309     | 1.97   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Calcium    | 43-1  | 262270   | 260607   | 263127   | 262001   | 0.49   | cps   |
| Calcium    | 44-1  | 4347184  | 4298376  | 4357264  | 4334275  | 0.73   | cps   |
| Chromium   | 52-2  | 1810     | 1850     | 1620     | 1760     | 6.98   | cps   |
| Cobalt     | 59-2  | 230      | 250      | 270      | 250      | 8.00   | cps   |
| Copper     | 63-2  | 195775   | 192995   | 192365   | 193712   | 0.94   | cps   |
| Dysprosium | 156-1 | 125      | 125      | 117      | 122      | 3.94   | cps   |
| Dysprosium | 156-2 | 53       | 43       | 63       | 53       | 18.75  | cps   |
| Erbium     | 164-1 | 100      | 158      | 167      | 142      | 25.64  | cps   |
| Erbium     | 164-2 | 70       | 37       | 63       | 57       | 31.12  | cps   |
| Gadolinium | 160-1 | 225      | 192      | 167      | 194      | 15.05  | cps   |
| Gadolinium | 160-2 | 213      | 190      | 197      | 200      | 6.01   | cps   |
| Holmium    | 165-1 | 17425769 | 17333736 | 17229885 | 17329797 | 0.57   | cps   |
| Holmium    | 165-2 | 9111692  | 9178787  | 9013016  | 9101165  | 0.92   | cps   |
| Indium     | 115-1 | 13201972 | 13317692 | 13291244 | 13270303 | 0.46   | cps   |
| Indium     | 115-2 | 2733833  | 2782427  | 2754724  | 2756995  | 0.88   | cps   |
| Iron       | 56-2  | 111516   | 113542   | 111756   | 112271   | 0.99   | cps   |
| Iron       | 57-2  | 3489     | 3845     | 3601     | 3645     | 4.99   | cps   |
| Lead       | 206-1 | 3428     | 3734     | 3356     | 3506     | 5.72   | cps   |
| Lead       | 207-1 | 2928     | 2939     | 3017     | 2962     | 1.64   | cps   |
| Lead       | 208-1 | 13620    | 14320    | 13820    | 13920    | 2.59   | cps   |
| Lithium    | 6-1   | 1862757  | 1822642  | 1843859  | 1843086  | 1.09   | cps   |
| Magnesium  | 24-2  | 521680   | 522091   | 522108   | 521960   | 0.05   | cps   |
| Manganese  | 55-2  | 45835    | 47199    | 45972    | 46335    | 1.62   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-81-FL2-BR310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:49:00  | DataFile Name :   | 121SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 650      | 733      | 617      | 667      | 9.01   | cps   |
| Molybdenum | 95-1  | 333      | 317      | 308      | 319      | 3.98   | cps   |
| Molybdenum | 96-1  | 375      | 400      | 417      | 397      | 5.28   | cps   |
| Molybdenum | 97-1  | 183      | 258      | 233      | 225      | 16.97  | cps   |
| Molybdenum | 98-1  | 500      | 592      | 558      | 550      | 8.44   | cps   |
| Neodymium  | 150-1 | 113      | 67       | 60       | 80       | 36.33  | cps   |
| Neodymium  | 150-2 | 50       | 23       | 60       | 44       | 42.65  | cps   |
| Nickel     | 60-2  | 1493     | 1533     | 1557     | 1528     | 2.10   | cps   |
| Phosphorus | 31-2  | 7477     | 7494     | 8078     | 7683     | 4.45   | cps   |
| Potassium  | 39-2  | 263570   | 262498   | 261635   | 262568   | 0.37   | cps   |
| Rhodium    | 103-1 | 12651333 | 12629917 | 12323405 | 12534885 | 1.46   | cps   |
| Rhodium    | 103-2 | 6161803  | 6214285  | 6099499  | 6158529  | 0.93   | cps   |
| Scandium   | 45-1  | 8322376  | 8220994  | 8280418  | 8274596  | 0.62   | cps   |
| Scandium   | 45-2  | 420269   | 429954   | 429656   | 426626   | 1.29   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 115      | 122      | 87       | 108      | 17.17  | cps   |
| Selenium   | 82-1  | 111      | 3        | 148      | 87       | 86.43  | cps   |
| Silicon    | 28-1  | 9200238  | 9005605  | 8996926  | 9067590  | 1.27   | cps   |
| Silver     | 109-1 | 83       | 183      | 158      | 142      | 36.73  | cps   |
| Silver     | 107-1 | 158      | 242      | 200      | 200      | 20.83  | cps   |
| Sodium     | 23-2  | 8574324  | 8589129  | 8522323  | 8561925  | 0.41   | cps   |
| Strontium  | 86-1  | 96054    | 93931    | 96230    | 95405    | 1.34   | cps   |
| Strontium  | 88-1  | 840554   | 829702   | 830078   | 833445   | 0.74   | cps   |
| Sulfur     | 34-1  | 540863   | 533829   | 536075   | 536922   | 0.67   | cps   |
| Terbium    | 159-1 | 17942321 | 17727447 | 17657841 | 17775870 | 0.83   | cps   |
| Terbium    | 159-2 | 9008403  | 9073452  | 8987306  | 9023053  | 0.50   | cps   |
| Thallium   | 203-1 | 375      | 267      | 342      | 328      | 16.93  | cps   |
| Thallium   | 205-1 | 800      | 742      | 683      | 742      | 7.87   | cps   |
| Tin        | 118-1 | 733      | 850      | 708      | 764      | 9.90   | cps   |
| Titanium   | 47-1  | 1217     | 958      | 983      | 1053     | 13.53  | cps   |
| Uranium    | 238-1 | 742      | 867      | 808      | 806      | 7.76   | cps   |
| Vanadium   | 51-2  | 237      | 340      | 273      | 283      | 18.49  | cps   |
| Yttrium    | 89-1  | 13717635 | 13453145 | 13342269 | 13504350 | 1.43   | cps   |
| Yttrium    | 89-2  | 2130690  | 2170868  | 2138960  | 2146839  | 0.99   | cps   |
| Zinc       | 66-2  | 21806    | 21973    | 21883    | 21888    | 0.38   | cps   |
| Zirconium  | 90-1  | 1425     | 1383     | 1142     | 1317     | 11.62  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-81-FL2-BR310 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:49:00  | DataFile Name :   | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 300  | 267  | 292  | 286     | 6.06   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-82-FL2-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:52:24  | DataFile Name :   | 122SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1900     | 1784     | 1800     | 1828     | 3.45   | cps   |
| Antimony   | 121-1 | 1200     | 1250     | 1208     | 1220     | 2.20   | cps   |
| Arsenic    | 75-2  | 180      | 228      | 176      | 194      | 14.88  | cps   |
| Barium     | 135-1 | 72255    | 70043    | 69089    | 70462    | 2.30   | cps   |
| Barium     | 137-1 | 124638   | 123243   | 123604   | 123828   | 0.58   | cps   |
| Beryllium  | 9-1   | 17       | 11       | 22       | 17       | 33.33  | cps   |
| Bismuth    | 209-1 | 11370546 | 11323874 | 11360994 | 11351805 | 0.22   | cps   |
| Bismuth    | 209-2 | 6918931  | 7015990  | 7087731  | 7007551  | 1.21   | cps   |
| Boron      | 10-1  | 1692     | 1567     | 1800     | 1686     | 6.93   | cps   |
| Boron      | 11-1  | 7877     | 8086     | 8061     | 8008     | 1.42   | cps   |
| Cadmium    | 111-1 | 2530     | 2500     | 2111     | 2380     | 9.82   | cps   |
| Cadmium    | 106-1 | 3534     | 3451     | 2934     | 3306     | 9.83   | cps   |
| Cadmium    | 108-1 | 33       | 17       | 38       | 29       | 37.79  | cps   |
| Calcium    | 43-1  | 264019   | 262184   | 260609   | 262270   | 0.65   | cps   |
| Calcium    | 44-1  | 4355868  | 4316679  | 4319910  | 4330819  | 0.50   | cps   |
| Chromium   | 52-2  | 3150     | 3080     | 3084     | 3105     | 1.27   | cps   |
| Cobalt     | 59-2  | 340      | 317      | 267      | 308      | 12.17  | cps   |
| Copper     | 63-2  | 828418   | 837913   | 837378   | 834569   | 0.64   | cps   |
| Dysprosium | 156-1 | 67       | 67       | 92       | 75       | 19.24  | cps   |
| Dysprosium | 156-2 | 40       | 63       | 40       | 48       | 28.19  | cps   |
| Erbium     | 164-1 | 133      | 125      | 142      | 133      | 6.25   | cps   |
| Erbium     | 164-2 | 107      | 100      | 60       | 89       | 28.40  | cps   |
| Gadolinium | 160-1 | 208      | 200      | 208      | 206      | 2.34   | cps   |
| Gadolinium | 160-2 | 170      | 170      | 180      | 173      | 3.33   | cps   |
| Holmium    | 165-1 | 17469175 | 17297346 | 17262785 | 17343102 | 0.64   | cps   |
| Holmium    | 165-2 | 9010045  | 9004671  | 9006054  | 9006923  | 0.03   | cps   |
| Indium     | 115-1 | 13239069 | 13169138 | 13042639 | 13150282 | 0.76   | cps   |
| Indium     | 115-2 | 2715603  | 2732592  | 2748496  | 2732230  | 0.60   | cps   |
| Iron       | 56-2  | 125438   | 124970   | 128080   | 126163   | 1.33   | cps   |
| Iron       | 57-2  | 3751     | 3995     | 4034     | 3927     | 3.91   | cps   |
| Lead       | 206-1 | 32852    | 32641    | 32463    | 32652    | 0.60   | cps   |
| Lead       | 207-1 | 27863    | 27290    | 26522    | 27225    | 2.47   | cps   |
| Lead       | 208-1 | 129281   | 127670   | 126355   | 127768   | 1.15   | cps   |
| Lithium    | 6-1   | 1816297  | 1801037  | 1794678  | 1804004  | 0.62   | cps   |
| Magnesium  | 24-2  | 515870   | 518853   | 516873   | 517199   | 0.29   | cps   |
| Manganese  | 55-2  | 54394    | 54885    | 54116    | 54465    | 0.72   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-82-FL2-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:52:24  | DataFile Name :   | 122SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 667      | 583      | 592      | 614      | 7.48   | cps   |
| Molybdenum | 95-1  | 375      | 283      | 258      | 306      | 20.10  | cps   |
| Molybdenum | 96-1  | 408      | 308      | 533      | 417      | 27.06  | cps   |
| Molybdenum | 97-1  | 300      | 250      | 275      | 275      | 9.09   | cps   |
| Molybdenum | 98-1  | 375      | 450      | 350      | 392      | 13.29  | cps   |
| Neodymium  | 150-1 | 100      | 60       | 93       | 84       | 25.38  | cps   |
| Neodymium  | 150-2 | 47       | 57       | 47       | 50       | 11.55  | cps   |
| Nickel     | 60-2  | 6788     | 6698     | 7088     | 6858     | 2.98   | cps   |
| Phosphorus | 31-2  | 7344     | 7611     | 6852     | 7269     | 5.29   | cps   |
| Potassium  | 39-2  | 265519   | 261236   | 266121   | 264292   | 1.01   | cps   |
| Rhodium    | 103-1 | 12544485 | 12334686 | 12513774 | 12464315 | 0.91   | cps   |
| Rhodium    | 103-2 | 6157054  | 6121777  | 6002865  | 6093899  | 1.33   | cps   |
| Scandium   | 45-1  | 8324133  | 8181550  | 8166649  | 8224111  | 1.06   | cps   |
| Scandium   | 45-2  | 426890   | 426138   | 424659   | 425896   | 0.27   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 85       | 94       | 83       | 88       | 6.79   | cps   |
| Selenium   | 82-1  | 26       | 97       | 57       | 60       | 59.17  | cps   |
| Silicon    | 28-1  | 9041038  | 9011892  | 8976637  | 9009855  | 0.36   | cps   |
| Silver     | 109-1 | 317      | 333      | 358      | 336      | 6.24   | cps   |
| Silver     | 107-1 | 517      | 425      | 475      | 472      | 9.72   | cps   |
| Sodium     | 23-2  | 8667326  | 8886704  | 8827731  | 8793920  | 1.29   | cps   |
| Strontium  | 86-1  | 94342    | 96146    | 96254    | 95580    | 1.12   | cps   |
| Strontium  | 88-1  | 840076   | 840736   | 834156   | 838323   | 0.43   | cps   |
| Sulfur     | 34-1  | 526969   | 524575   | 529022   | 526855   | 0.42   | cps   |
| Terbium    | 159-1 | 17808841 | 17731082 | 17586952 | 17708958 | 0.64   | cps   |
| Terbium    | 159-2 | 9074847  | 9014528  | 9011360  | 9033578  | 0.40   | cps   |
| Thallium   | 203-1 | 383      | 208      | 358      | 317      | 29.89  | cps   |
| Thallium   | 205-1 | 958      | 717      | 842      | 839      | 14.41  | cps   |
| Tin        | 118-1 | 750      | 550      | 550      | 617      | 18.73  | cps   |
| Titanium   | 47-1  | 908      | 1183     | 1175     | 1089     | 14.37  | cps   |
| Uranium    | 238-1 | 792      | 642      | 808      | 747      | 12.29  | cps   |
| Vanadium   | 51-2  | 267      | 247      | 223      | 246      | 8.83   | cps   |
| Yttrium    | 89-1  | 13449030 | 13485919 | 13396100 | 13443683 | 0.34   | cps   |
| Yttrium    | 89-2  | 2137893  | 2130796  | 2149901  | 2139530  | 0.45   | cps   |
| Zinc       | 66-2  | 186481   | 185539   | 188270   | 186764   | 0.74   | cps   |
| Zirconium  | 90-1  | 1292     | 1350     | 1150     | 1264     | 8.14   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-82-FL2-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:52:24  | DataFile Name :   | 122SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 292  | 367  | 308     | 16.88  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-11 Instrumnet Name : P7  
 Client Sample ID : DC24741-83-FL2-BRW-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:55:49 DataFile Name : 123SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2042     | 2100     | 2067     | 2070     | 1.41   | cps   |
| Antimony   | 121-1 | 658      | 892      | 700      | 750      | 16.59  | cps   |
| Arsenic    | 75-2  | 220      | 159      | 181      | 187      | 16.54  | cps   |
| Barium     | 135-1 | 68460    | 68695    | 69114    | 68757    | 0.48   | cps   |
| Barium     | 137-1 | 119292   | 119352   | 118964   | 119203   | 0.18   | cps   |
| Beryllium  | 9-1   | 28       | 17       | 28       | 24       | 26.64  | cps   |
| Bismuth    | 209-1 | 11392863 | 11380072 | 11267914 | 11346950 | 0.61   | cps   |
| Bismuth    | 209-2 | 7138191  | 7081788  | 7020806  | 7080262  | 0.83   | cps   |
| Boron      | 10-1  | 1617     | 1442     | 1358     | 1472     | 8.96   | cps   |
| Boron      | 11-1  | 7602     | 7944     | 7602     | 7716     | 2.56   | cps   |
| Cadmium    | 111-1 | 2252     | 2175     | 2443     | 2290     | 6.03   | cps   |
| Cadmium    | 106-1 | 3217     | 3059     | 3467     | 3248     | 6.34   | cps   |
| Cadmium    | 108-1 | 42       | 29       | 13       | 28       | 52.68  | cps   |
| Calcium    | 43-1  | 257963   | 262542   | 263806   | 261437   | 1.18   | cps   |
| Calcium    | 44-1  | 4327697  | 4350640  | 4324118  | 4334152  | 0.33   | cps   |
| Chromium   | 52-2  | 1937     | 2064     | 1757     | 1919     | 8.03   | cps   |
| Cobalt     | 59-2  | 237      | 190      | 250      | 226      | 13.97  | cps   |
| Copper     | 63-2  | 138145   | 137479   | 138011   | 137878   | 0.26   | cps   |
| Dysprosium | 156-1 | 67       | 125      | 92       | 94       | 30.99  | cps   |
| Dysprosium | 156-2 | 63       | 60       | 40       | 54       | 23.18  | cps   |
| Erbium     | 164-1 | 117      | 158      | 108      | 128      | 20.96  | cps   |
| Erbium     | 164-2 | 57       | 40       | 73       | 57       | 29.41  | cps   |
| Gadolinium | 160-1 | 125      | 242      | 175      | 181      | 32.42  | cps   |
| Gadolinium | 160-2 | 173      | 223      | 170      | 189      | 15.82  | cps   |
| Holmium    | 165-1 | 17286043 | 17261494 | 17224699 | 17257412 | 0.18   | cps   |
| Holmium    | 165-2 | 9056919  | 9005145  | 9093010  | 9051692  | 0.49   | cps   |
| Indium     | 115-1 | 13373406 | 13244813 | 13303243 | 13307154 | 0.48   | cps   |
| Indium     | 115-2 | 2749323  | 2762126  | 2745393  | 2752280  | 0.32   | cps   |
| Iron       | 56-2  | 113013   | 112372   | 108937   | 111441   | 1.97   | cps   |
| Iron       | 57-2  | 3506     | 3495     | 3389     | 3463     | 1.86   | cps   |
| Lead       | 206-1 | 2889     | 2556     | 2617     | 2687     | 6.60   | cps   |
| Lead       | 207-1 | 2328     | 2489     | 2739     | 2519     | 8.23   | cps   |
| Lead       | 208-1 | 11369    | 11213    | 11558    | 11380    | 1.52   | cps   |
| Lithium    | 6-1   | 1789510  | 1770607  | 1782171  | 1780763  | 0.54   | cps   |
| Magnesium  | 24-2  | 529035   | 522062   | 518485   | 523194   | 1.03   | cps   |
| Manganese  | 55-2  | 48366    | 48005    | 47624    | 47998    | 0.77   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-11 Instrumnet Name : P7  
 Client Sample ID : DC24741-83-FL2-BRW-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 22:55:49 DataFile Name : 123SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 708      | 658      | 625      | 664      | 6.32   | cps   |
| Molybdenum | 95-1  | 233      | 275      | 342      | 283      | 19.28  | cps   |
| Molybdenum | 96-1  | 358      | 433      | 392      | 394      | 9.53   | cps   |
| Molybdenum | 97-1  | 342      | 300      | 208      | 283      | 24.07  | cps   |
| Molybdenum | 98-1  | 500      | 492      | 467      | 486      | 3.57   | cps   |
| Neodymium  | 150-1 | 133      | 73       | 107      | 104      | 28.78  | cps   |
| Neodymium  | 150-2 | 27       | 37       | 70       | 44       | 51.04  | cps   |
| Nickel     | 60-2  | 913      | 880      | 787      | 860      | 7.64   | cps   |
| Phosphorus | 31-2  | 7694     | 7602     | 7411     | 7569     | 1.91   | cps   |
| Potassium  | 39-2  | 265817   | 262973   | 260085   | 262958   | 1.09   | cps   |
| Rhodium    | 103-1 | 12378011 | 12494448 | 12256333 | 12376264 | 0.96   | cps   |
| Rhodium    | 103-2 | 6171668  | 6125851  | 6169923  | 6155814  | 0.42   | cps   |
| Scandium   | 45-1  | 8315724  | 8287536  | 8163310  | 8255524  | 0.98   | cps   |
| Scandium   | 45-2  | 431967   | 430342   | 426373   | 429560   | 0.67   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 120      | 96       | 109      | 109      | 11.09  | cps   |
| Selenium   | 82-1  | 197      | 100      | -65      | 78       | 170.67 | cps   |
| Silicon    | 28-1  | 8989977  | 8889278  | 8909125  | 8929460  | 0.60   | cps   |
| Silver     | 109-1 | 167      | 125      | 100      | 131      | 25.80  | cps   |
| Silver     | 107-1 | 158      | 150      | 150      | 153      | 3.15   | cps   |
| Sodium     | 23-2  | 8611106  | 8574522  | 8509748  | 8565125  | 0.60   | cps   |
| Strontium  | 86-1  | 94980    | 95163    | 95324    | 95156    | 0.18   | cps   |
| Strontium  | 88-1  | 834667   | 825712   | 825686   | 828688   | 0.62   | cps   |
| Sulfur     | 34-1  | 522924   | 525415   | 521073   | 523137   | 0.42   | cps   |
| Terbium    | 159-1 | 17869113 | 17769293 | 17710059 | 17782822 | 0.45   | cps   |
| Terbium    | 159-2 | 9014910  | 9051770  | 9026079  | 9030920  | 0.21   | cps   |
| Thallium   | 203-1 | 300      | 208      | 317      | 275      | 21.21  | cps   |
| Thallium   | 205-1 | 858      | 608      | 792      | 753      | 17.20  | cps   |
| Tin        | 118-1 | 1083     | 1342     | 1308     | 1245     | 11.29  | cps   |
| Titanium   | 47-1  | 883      | 925      | 908      | 906      | 2.32   | cps   |
| Uranium    | 238-1 | 842      | 900      | 867      | 870      | 3.37   | cps   |
| Vanadium   | 51-2  | 173      | 227      | 253      | 218      | 18.70  | cps   |
| Yttrium    | 89-1  | 13348668 | 13444042 | 13383617 | 13392109 | 0.36   | cps   |
| Yttrium    | 89-2  | 2156390  | 2156745  | 2150511  | 2154548  | 0.16   | cps   |
| Zinc       | 66-2  | 14754    | 14384    | 14250    | 14463    | 1.80   | cps   |
| Zirconium  | 90-1  | 1325     | 1233     | 1333     | 1297     | 4.28   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-83-FL2-BRW-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:55:49  | DataFile Name :   | 123SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 333  | 250  | 317  | 300     | 14.70  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV74               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV74               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:59:14 | DataFile Name :   | 124SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 908      | 942      | 892      | 914      | 2.79   | cps   |
| Antimony   | 121-1 | 158      | 142      | 92       | 131      | 26.57  | cps   |
| Arsenic    | 75-2  | 4        | 24       | 6        | 11       | 101.37 | cps   |
| Barium     | 135-1 | 25       | 50       | 17       | 31       | 56.77  | cps   |
| Barium     | 137-1 | 92       | 92       | 125      | 103      | 18.73  | cps   |
| Beryllium  | 9-1   | 17       | 17       | 11       | 15       | 21.67  | cps   |
| Bismuth    | 209-1 | 10640380 | 10716348 | 10727196 | 10694641 | 0.44   | cps   |
| Bismuth    | 209-2 | 6364150  | 6428962  | 6442492  | 6411868  | 0.65   | cps   |
| Boron      | 10-1  | 308      | 225      | 358      | 297      | 22.66  | cps   |
| Boron      | 11-1  | 1650     | 1675     | 1692     | 1672     | 1.25   | cps   |
| Cadmium    | 111-1 | 2146     | 2045     | 2304     | 2165     | 6.02   | cps   |
| Cadmium    | 106-1 | 3050     | 2909     | 3284     | 3081     | 6.15   | cps   |
| Cadmium    | 108-1 | 21       | 17       | 17       | 18       | 13.30  | cps   |
| Calcium    | 43-1  | 558      | 700      | 792      | 683      | 17.20  | cps   |
| Calcium    | 44-1  | 22743    | 22585    | 22426    | 22585    | 0.70   | cps   |
| Chromium   | 52-2  | 1737     | 1857     | 1750     | 1781     | 3.69   | cps   |
| Cobalt     | 59-2  | 107      | 160      | 127      | 131      | 20.55  | cps   |
| Copper     | 63-2  | 1407     | 1447     | 1473     | 1442     | 2.33   | cps   |
| Dysprosium | 156-1 | 42       | 25       | 8        | 25       | 66.68  | cps   |
| Dysprosium | 156-2 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 42       | 42       | 75       | 53       | 36.46  | cps   |
| Erbium     | 164-2 | 27       | 13       | 13       | 18       | 43.33  | cps   |
| Gadolinium | 160-1 | 117      | 75       | 100      | 97       | 21.57  | cps   |
| Gadolinium | 160-2 | 140      | 110      | 137      | 129      | 12.76  | cps   |
| Holmium    | 165-1 | 16003068 | 16171889 | 16175672 | 16116877 | 0.61   | cps   |
| Holmium    | 165-2 | 8478836  | 8519491  | 8605009  | 8534445  | 0.75   | cps   |
| Indium     | 115-1 | 12410918 | 12378816 | 12363341 | 12384358 | 0.20   | cps   |
| Indium     | 115-2 | 2596489  | 2628643  | 2635695  | 2620275  | 0.80   | cps   |
| Iron       | 56-2  | 8225     | 8319     | 8675     | 8406     | 2.82   | cps   |
| Iron       | 57-2  | 428      | 294      | 328      | 350      | 19.83  | cps   |
| Lead       | 206-1 | 7336859  | 7454139  | 7409359  | 7400119  | 0.80   | cps   |
| Lead       | 207-1 | 6676036  | 6671884  | 6381016  | 6576312  | 2.57   | cps   |
| Lead       | 208-1 | 29907427 | 30106761 | 29692225 | 29902138 | 0.69   | cps   |
| Lithium    | 6-1   | 1649248  | 1680930  | 1655760  | 1661979  | 1.01   | cps   |
| Magnesium  | 24-2  | 567      | 442      | 508      | 506      | 12.37  | cps   |
| Manganese  | 55-2  | 100      | 73       | 113      | 96       | 21.32  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV74               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV74               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:59:14 | DataFile Name :   | 124SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 417      | 333      | 375      | 375      | 11.11  | cps   |
| Molybdenum | 95-1  | 67       | 100      | 175      | 114      | 48.72  | cps   |
| Molybdenum | 96-1  | 225      | 250      | 217      | 231      | 7.52   | cps   |
| Molybdenum | 97-1  | 150      | 133      | 175      | 153      | 13.73  | cps   |
| Molybdenum | 98-1  | 183      | 267      | 225      | 225      | 18.52  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 13       | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 77       | 97       | 100      | 91       | 13.85  | cps   |
| Phosphorus | 31-2  | 217      | 200      | 333      | 250      | 29.06  | cps   |
| Potassium  | 39-2  | 42487    | 42320    | 43256    | 42687    | 1.17   | cps   |
| Rhodium    | 103-1 | 11600384 | 11705099 | 11586877 | 11630786 | 0.56   | cps   |
| Rhodium    | 103-2 | 5756406  | 5719695  | 5806819  | 5760973  | 0.76   | cps   |
| Scandium   | 45-1  | 7661313  | 7697277  | 7690167  | 7682919  | 0.25   | cps   |
| Scandium   | 45-2  | 403171   | 403013   | 404923   | 403703   | 0.26   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 131      | 104      | 135      | 123      | 13.94  | cps   |
| Selenium   | 82-1  | 105      | 122      | 100      | 109      | 10.61  | cps   |
| Silicon    | 28-1  | 547885   | 548219   | 541303   | 545802   | 0.71   | cps   |
| Silver     | 109-1 | 117      | 75       | 158      | 117      | 35.72  | cps   |
| Silver     | 107-1 | 133      | 167      | 175      | 158      | 13.93  | cps   |
| Sodium     | 23-2  | 40004    | 39938    | 41274    | 40405    | 1.86   | cps   |
| Strontium  | 86-1  | 1592     | 1408     | 1550     | 1517     | 6.34   | cps   |
| Strontium  | 88-1  | 1275     | 1208     | 1017     | 1167     | 11.50  | cps   |
| Sulfur     | 34-1  | 447962   | 442499   | 439715   | 443392   | 0.95   | cps   |
| Terbium    | 159-1 | 16791441 | 16468550 | 16461204 | 16573731 | 1.14   | cps   |
| Terbium    | 159-2 | 8486757  | 8564340  | 8499474  | 8516857  | 0.49   | cps   |
| Thallium   | 203-1 | 358      | 392      | 475      | 408      | 14.72  | cps   |
| Thallium   | 205-1 | 933      | 783      | 925      | 881      | 9.57   | cps   |
| Tin        | 118-1 | 1175     | 1317     | 817      | 1103     | 23.37  | cps   |
| Titanium   | 47-1  | 242      | 183      | 258      | 228      | 17.29  | cps   |
| Uranium    | 238-1 | 308      | 350      | 367      | 342      | 8.79   | cps   |
| Vanadium   | 51-2  | 17       | 20       | 23       | 20       | 16.65  | cps   |
| Yttrium    | 89-1  | 12619952 | 12860486 | 12661467 | 12713969 | 1.01   | cps   |
| Yttrium    | 89-2  | 2009867  | 2030342  | 2049423  | 2029877  | 0.97   | cps   |
| Zinc       | 66-2  | 327      | 377      | 410      | 371      | 11.30  | cps   |
| Zirconium  | 90-1  | 958      | 942      | 842      | 914      | 6.90   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV74               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV74               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 22:59:14 | DataFile Name :   | 124SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 200  | 133  | 164     | 20.55  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB74               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB74               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:02:40 | DataFile Name :   | 125SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 350      | 417      | 433      | 400      | 11.02  | cps   |
| Antimony   | 121-1 | 58       | 58       | 58       | 58       | 0.00   | cps   |
| Arsenic    | 75-2  | 9        | 2        | 6        | 6        | 66.68  | cps   |
| Barium     | 135-1 | 117      | 42       | 108      | 89       | 46.24  | cps   |
| Barium     | 137-1 | 142      | 125      | 167      | 144      | 14.52  | cps   |
| Beryllium  | 9-1   | 28       | 17       | 6        | 17       | 66.65  | cps   |
| Bismuth    | 209-1 | 10443381 | 10433711 | 10723862 | 10533651 | 1.56   | cps   |
| Bismuth    | 209-2 | 6369957  | 6773258  | 6821854  | 6655023  | 3.73   | cps   |
| Boron      | 10-1  | 175      | 317      | 300      | 264      | 29.34  | cps   |
| Boron      | 11-1  | 1358     | 1258     | 1175     | 1264     | 7.26   | cps   |
| Cadmium    | 111-1 | 2036     | 2152     | 2061     | 2083     | 2.94   | cps   |
| Cadmium    | 106-1 | 2909     | 3075     | 2959     | 2981     | 2.87   | cps   |
| Cadmium    | 108-1 | 0        | 13       | 21       | 11       | 94.37  | cps   |
| Calcium    | 43-1  | 1250     | 1083     | 1150     | 1161     | 7.23   | cps   |
| Calcium    | 44-1  | 31409    | 30173    | 30257    | 30613    | 2.26   | cps   |
| Chromium   | 52-2  | 1840     | 1767     | 1793     | 1800     | 2.06   | cps   |
| Cobalt     | 59-2  | 100      | 57       | 90       | 82       | 27.59  | cps   |
| Copper     | 63-2  | 1293     | 1400     | 1427     | 1373     | 5.14   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 0        | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 17       | 7        | 132.33 | cps   |
| Erbium     | 164-1 | 42       | 25       | 75       | 47       | 53.91  | cps   |
| Erbium     | 164-2 | 20       | 60       | 17       | 32       | 74.83  | cps   |
| Gadolinium | 160-1 | 100      | 142      | 75       | 106      | 31.91  | cps   |
| Gadolinium | 160-2 | 107      | 100      | 90       | 99       | 8.48   | cps   |
| Holmium    | 165-1 | 16135072 | 16292803 | 16289279 | 16239052 | 0.55   | cps   |
| Holmium    | 165-2 | 8512967  | 8747932  | 8578999  | 8613299  | 1.41   | cps   |
| Indium     | 115-1 | 12225372 | 12253915 | 12550553 | 12343280 | 1.46   | cps   |
| Indium     | 115-2 | 2622720  | 2671276  | 2656318  | 2650105  | 0.94   | cps   |
| Iron       | 56-2  | 7352     | 7319     | 7419     | 7363     | 0.69   | cps   |
| Iron       | 57-2  | 272      | 333      | 339      | 315      | 11.75  | cps   |
| Lead       | 206-1 | 1267     | 1156     | 1250     | 1224     | 4.89   | cps   |
| Lead       | 207-1 | 1106     | 1300     | 1183     | 1196     | 8.18   | cps   |
| Lead       | 208-1 | 5117     | 5073     | 5239     | 5143     | 1.68   | cps   |
| Lithium    | 6-1   | 1669390  | 1671635  | 1703945  | 1681657  | 1.15   | cps   |
| Magnesium  | 24-2  | 533      | 433      | 617      | 528      | 17.39  | cps   |
| Manganese  | 55-2  | 153      | 177      | 147      | 159      | 9.91   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB74               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB74               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:02:40 | DataFile Name :   | 125SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 258      | 275      | 208      | 247      | 14.04   | cps   |
| Molybdenum | 95-1  | 17       | 42       | 33       | 31       | 41.66   | cps   |
| Molybdenum | 96-1  | 125      | 100      | 100      | 108      | 13.33   | cps   |
| Molybdenum | 97-1  | 100      | 75       | 92       | 89       | 14.32   | cps   |
| Molybdenum | 98-1  | 50       | 42       | 75       | 56       | 31.22   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00    | cps   |
| Neodymium  | 150-2 | 0        | 13       | 3        | 6        | 124.93  | cps   |
| Nickel     | 60-2  | 187      | 190      | 207      | 194      | 5.51    | cps   |
| Phosphorus | 31-2  | 125      | 283      | 283      | 231      | 39.65   | cps   |
| Potassium  | 39-2  | 41568    | 42094    | 41576    | 41746    | 0.72    | cps   |
| Rhodium    | 103-1 | 11708839 | 11765944 | 11787517 | 11754100 | 0.35    | cps   |
| Rhodium    | 103-2 | 5764064  | 6047361  | 5890286  | 5900570  | 2.41    | cps   |
| Scandium   | 45-1  | 7680286  | 7721653  | 7827780  | 7743239  | 0.98    | cps   |
| Scandium   | 45-2  | 406972   | 417816   | 412794   | 412527   | 1.32    | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 128      | 80       | 59       | 89       | 39.58   | cps   |
| Selenium   | 82-1  | -125     | 114      | 22       | 4        | 3280.20 | cps   |
| Silicon    | 28-1  | 539138   | 538812   | 537589   | 538513   | 0.15    | cps   |
| Silver     | 109-1 | 67       | 75       | 92       | 78       | 16.37   | cps   |
| Silver     | 107-1 | 83       | 83       | 150      | 106      | 36.46   | cps   |
| Sodium     | 23-2  | 39745    | 40029    | 39628    | 39801    | 0.52    | cps   |
| Strontium  | 86-1  | 1842     | 1825     | 1892     | 1853     | 1.87    | cps   |
| Strontium  | 88-1  | 2142     | 2134     | 2317     | 2198     | 4.71    | cps   |
| Sulfur     | 34-1  | 444231   | 443667   | 447631   | 445176   | 0.48    | cps   |
| Terbium    | 159-1 | 16383621 | 16244716 | 16716664 | 16448334 | 1.47    | cps   |
| Terbium    | 159-2 | 8627861  | 8701304  | 8707971  | 8679045  | 0.51    | cps   |
| Thallium   | 203-1 | 242      | 292      | 300      | 278      | 11.36   | cps   |
| Thallium   | 205-1 | 558      | 692      | 625      | 625      | 10.67   | cps   |
| Tin        | 118-1 | 1659     | 1517     | 1425     | 1533     | 7.67    | cps   |
| Titanium   | 47-1  | 250      | 225      | 167      | 214      | 19.99   | cps   |
| Uranium    | 238-1 | 42       | 67       | 67       | 58       | 24.74   | cps   |
| Vanadium   | 51-2  | 23       | 20       | 43       | 29       | 43.68   | cps   |
| Yttrium    | 89-1  | 12489794 | 12521481 | 12758546 | 12589941 | 1.17    | cps   |
| Yttrium    | 89-2  | 2030172  | 2080322  | 2077380  | 2062625  | 1.36    | cps   |
| Zinc       | 66-2  | 1357     | 1503     | 1517     | 1459     | 6.09    | cps   |
| Zirconium  | 90-1  | 667      | 742      | 625      | 678      | 8.72    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB74               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB74               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:02:40 | DataFile Name :   | 125SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 133  | 83   | 150     | 50.92  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-12 Instrumnet Name : P7  
 Client Sample ID : DC24741-84-FL2-BRM-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 23:06:07 DataFile Name : 126SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1458     | 1517     | 1709     | 1561     | 8.38   | cps   |
| Antimony   | 121-1 | 3359     | 3234     | 3442     | 3345     | 3.14   | cps   |
| Arsenic    | 75-2  | 228      | 165      | 194      | 196      | 16.10  | cps   |
| Barium     | 135-1 | 73219    | 72389    | 74324    | 73310    | 1.32   | cps   |
| Barium     | 137-1 | 126548   | 124042   | 128691   | 126427   | 1.84   | cps   |
| Beryllium  | 9-1   | 28       | 28       | 56       | 37       | 43.30  | cps   |
| Bismuth    | 209-1 | 11623362 | 11383300 | 11713811 | 11573491 | 1.48   | cps   |
| Bismuth    | 209-2 | 7139523  | 7085211  | 7150603  | 7125112  | 0.49   | cps   |
| Boron      | 10-1  | 1442     | 1408     | 1658     | 1503     | 9.03   | cps   |
| Boron      | 11-1  | 7260     | 7402     | 7460     | 7374     | 1.40   | cps   |
| Cadmium    | 111-1 | 2424     | 2520     | 2604     | 2516     | 3.59   | cps   |
| Cadmium    | 106-1 | 3309     | 3459     | 3551     | 3439     | 3.55   | cps   |
| Cadmium    | 108-1 | 25       | 8        | 21       | 18       | 48.05  | cps   |
| Calcium    | 43-1  | 269061   | 264889   | 265689   | 266547   | 0.83   | cps   |
| Calcium    | 44-1  | 4431078  | 4389504  | 4383381  | 4401321  | 0.59   | cps   |
| Chromium   | 52-2  | 2014     | 1890     | 1910     | 1938     | 3.42   | cps   |
| Cobalt     | 59-2  | 263      | 347      | 340      | 317      | 14.62  | cps   |
| Copper     | 63-2  | 772628   | 773722   | 768213   | 771521   | 0.38   | cps   |
| Dysprosium | 156-1 | 125      | 117      | 100      | 114      | 11.18  | cps   |
| Dysprosium | 156-2 | 53       | 43       | 87       | 61       | 37.14  | cps   |
| Erbium     | 164-1 | 92       | 142      | 142      | 125      | 23.09  | cps   |
| Erbium     | 164-2 | 70       | 40       | 67       | 59       | 27.92  | cps   |
| Gadolinium | 160-1 | 167      | 158      | 133      | 153      | 11.35  | cps   |
| Gadolinium | 160-2 | 147      | 170      | 153      | 157      | 7.67   | cps   |
| Holmium    | 165-1 | 17459017 | 17356725 | 17440047 | 17418596 | 0.31   | cps   |
| Holmium    | 165-2 | 9139177  | 9060824  | 9090562  | 9096854  | 0.43   | cps   |
| Indium     | 115-1 | 13678285 | 13473907 | 13410968 | 13521053 | 1.03   | cps   |
| Indium     | 115-2 | 2776932  | 2774970  | 2798870  | 2783591  | 0.48   | cps   |
| Iron       | 56-2  | 119706   | 119679   | 120307   | 119897   | 0.30   | cps   |
| Iron       | 57-2  | 3584     | 3651     | 3250     | 3495     | 6.13   | cps   |
| Lead       | 206-1 | 55572    | 55248    | 54200    | 55007    | 1.30   | cps   |
| Lead       | 207-1 | 48294    | 46738    | 46091    | 47041    | 2.41   | cps   |
| Lead       | 208-1 | 219516   | 217204   | 217504   | 218075   | 0.58   | cps   |
| Lithium    | 6-1   | 1846723  | 1849865  | 1832006  | 1842865  | 0.52   | cps   |
| Magnesium  | 24-2  | 527363   | 524243   | 523609   | 525072   | 0.38   | cps   |
| Manganese  | 55-2  | 48868    | 49246    | 48159    | 48757    | 1.13   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-84-FL2-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:06:07  | DataFile Name :   | 126SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 700      | 608      | 592      | 633      | 9.21   | cps   |
| Molybdenum | 95-1  | 333      | 317      | 283      | 311      | 8.18   | cps   |
| Molybdenum | 96-1  | 308      | 483      | 433      | 408      | 22.07  | cps   |
| Molybdenum | 97-1  | 275      | 242      | 225      | 247      | 10.30  | cps   |
| Molybdenum | 98-1  | 542      | 458      | 458      | 486      | 9.90   | cps   |
| Neodymium  | 150-1 | 80       | 67       | 93       | 80       | 16.67  | cps   |
| Neodymium  | 150-2 | 47       | 37       | 17       | 33       | 45.82  | cps   |
| Nickel     | 60-2  | 4851     | 4511     | 4854     | 4739     | 4.16   | cps   |
| Phosphorus | 31-2  | 7561     | 7010     | 6893     | 7155     | 4.98   | cps   |
| Potassium  | 39-2  | 265147   | 263187   | 263884   | 264073   | 0.38   | cps   |
| Rhodium    | 103-1 | 12655093 | 12682117 | 12741481 | 12692897 | 0.35   | cps   |
| Rhodium    | 103-2 | 6275927  | 6258577  | 6318378  | 6284294  | 0.49   | cps   |
| Scandium   | 45-1  | 8431300  | 8340949  | 8319404  | 8363884  | 0.71   | cps   |
| Scandium   | 45-2  | 432865   | 431378   | 430937   | 431727   | 0.23   | cps   |
| Selenium   | 77-2  | 0        | 3        | 13       | 6        | 124.93 | cps   |
| Selenium   | 78-2  | 106      | 109      | 122      | 112      | 7.79   | cps   |
| Selenium   | 82-1  | 29       | 23       | 222      | 91       | 124.40 | cps   |
| Silicon    | 28-1  | 9074060  | 9077483  | 9058126  | 9069890  | 0.11   | cps   |
| Silver     | 109-1 | 467      | 592      | 533      | 531      | 11.79  | cps   |
| Silver     | 107-1 | 758      | 617      | 550      | 642      | 16.58  | cps   |
| Sodium     | 23-2  | 8625227  | 8597847  | 8528301  | 8583792  | 0.58   | cps   |
| Strontium  | 86-1  | 100013   | 96095    | 98956    | 98355    | 2.06   | cps   |
| Strontium  | 88-1  | 863823   | 854887   | 852878   | 857196   | 0.68   | cps   |
| Sulfur     | 34-1  | 541700   | 545714   | 543289   | 543568   | 0.37   | cps   |
| Terbium    | 159-1 | 18179157 | 17875432 | 17888026 | 17980871 | 0.96   | cps   |
| Terbium    | 159-2 | 9093609  | 9136725  | 9157793  | 9129376  | 0.36   | cps   |
| Thallium   | 203-1 | 333      | 292      | 300      | 308      | 7.15   | cps   |
| Thallium   | 205-1 | 633      | 900      | 692      | 742      | 18.90  | cps   |
| Tin        | 118-1 | 1367     | 1217     | 1542     | 1375     | 11.83  | cps   |
| Titanium   | 47-1  | 1083     | 992      | 992      | 1022     | 5.18   | cps   |
| Uranium    | 238-1 | 750      | 717      | 708      | 725      | 3.04   | cps   |
| Vanadium   | 51-2  | 300      | 243      | 250      | 264      | 11.71  | cps   |
| Yttrium    | 89-1  | 13763608 | 13740171 | 13805828 | 13769869 | 0.24   | cps   |
| Yttrium    | 89-2  | 2171710  | 2169239  | 2171821  | 2170923  | 0.07   | cps   |
| Zinc       | 66-2  | 125060   | 125498   | 125409   | 125322   | 0.18   | cps   |
| Zirconium  | 90-1  | 1575     | 1367     | 1483     | 1475     | 7.08   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-84-FL2-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:06:07  | DataFile Name :   | 126SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 258  | 367  | 322     | 17.60  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-85-FL2-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:09:31  | DataFile Name :   | 127SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1667     | 1542     | 1825     | 1678     | 8.46   | cps   |
| Antimony   | 121-1 | 675      | 892      | 792      | 786      | 13.80  | cps   |
| Arsenic    | 75-2  | 161      | 198      | 183      | 181      | 10.31  | cps   |
| Barium     | 135-1 | 70219    | 68478    | 67430    | 68709    | 2.05   | cps   |
| Barium     | 137-1 | 121503   | 119326   | 117661   | 119497   | 1.61   | cps   |
| Beryllium  | 9-1   | 44       | 17       | 28       | 30       | 47.18  | cps   |
| Bismuth    | 209-1 | 11657326 | 11637771 | 11578226 | 11624441 | 0.35   | cps   |
| Bismuth    | 209-2 | 7099507  | 7233109  | 7183149  | 7171922  | 0.94   | cps   |
| Boron      | 10-1  | 1592     | 1642     | 1533     | 1589     | 3.41   | cps   |
| Boron      | 11-1  | 7711     | 7344     | 7702     | 7586     | 2.76   | cps   |
| Cadmium    | 111-1 | 2298     | 2444     | 2326     | 2356     | 3.29   | cps   |
| Cadmium    | 106-1 | 3242     | 3451     | 3284     | 3326     | 3.32   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 8        | 11       | 21.67  | cps   |
| Calcium    | 43-1  | 268047   | 264994   | 266624   | 266555   | 0.57   | cps   |
| Calcium    | 44-1  | 4430902  | 4374226  | 4388911  | 4398013  | 0.67   | cps   |
| Chromium   | 52-2  | 1994     | 2054     | 1833     | 1960     | 5.80   | cps   |
| Cobalt     | 59-2  | 233      | 280      | 243      | 252      | 9.74   | cps   |
| Copper     | 63-2  | 156627   | 157713   | 157001   | 157114   | 0.35   | cps   |
| Dysprosium | 156-1 | 100      | 67       | 108      | 92       | 24.05  | cps   |
| Dysprosium | 156-2 | 57       | 37       | 37       | 43       | 26.64  | cps   |
| Erbium     | 164-1 | 150      | 125      | 150      | 142      | 10.19  | cps   |
| Erbium     | 164-2 | 73       | 43       | 70       | 62       | 26.43  | cps   |
| Gadolinium | 160-1 | 200      | 258      | 175      | 211      | 20.26  | cps   |
| Gadolinium | 160-2 | 183      | 177      | 203      | 188      | 7.39   | cps   |
| Holmium    | 165-1 | 17839325 | 17656361 | 17403185 | 17632957 | 1.24   | cps   |
| Holmium    | 165-2 | 9109111  | 9173885  | 9158338  | 9147111  | 0.37   | cps   |
| Indium     | 115-1 | 13775869 | 13411315 | 13291098 | 13492761 | 1.87   | cps   |
| Indium     | 115-2 | 2785327  | 2779396  | 2791325  | 2785349  | 0.21   | cps   |
| Iron       | 56-2  | 110273   | 115992   | 110835   | 112367   | 2.81   | cps   |
| Iron       | 57-2  | 3623     | 3612     | 3712     | 3649     | 1.50   | cps   |
| Lead       | 206-1 | 4629     | 4223     | 4290     | 4380     | 4.97   | cps   |
| Lead       | 207-1 | 3740     | 3762     | 3673     | 3725     | 1.24   | cps   |
| Lead       | 208-1 | 17266    | 17205    | 17322    | 17264    | 0.34   | cps   |
| Lithium    | 6-1   | 1884837  | 1847727  | 1836422  | 1856329  | 1.36   | cps   |
| Magnesium  | 24-2  | 522671   | 526089   | 519075   | 522612   | 0.67   | cps   |
| Manganese  | 55-2  | 48152    | 48416    | 48022    | 48197    | 0.42   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-85-FL2-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:09:31  | DataFile Name :   | 127SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 717      | 800      | 692      | 736      | 7.71   | cps   |
| Molybdenum | 95-1  | 250      | 408      | 250      | 303      | 30.19  | cps   |
| Molybdenum | 96-1  | 417      | 492      | 367      | 425      | 14.80  | cps   |
| Molybdenum | 97-1  | 283      | 275      | 242      | 267      | 8.27   | cps   |
| Molybdenum | 98-1  | 383      | 458      | 542      | 461      | 17.18  | cps   |
| Neodymium  | 150-1 | 87       | 107      | 80       | 91       | 15.23  | cps   |
| Neodymium  | 150-2 | 30       | 47       | 30       | 36       | 27.07  | cps   |
| Nickel     | 60-2  | 850      | 823      | 723      | 799      | 8.36   | cps   |
| Phosphorus | 31-2  | 7686     | 7694     | 7185     | 7522     | 3.87   | cps   |
| Potassium  | 39-2  | 267069   | 268219   | 263415   | 266234   | 0.94   | cps   |
| Rhodium    | 103-1 | 12757277 | 12729875 | 12714435 | 12733862 | 0.17   | cps   |
| Rhodium    | 103-2 | 6240771  | 6314939  | 6268946  | 6274885  | 0.60   | cps   |
| Scandium   | 45-1  | 8577446  | 8446327  | 8465899  | 8496557  | 0.83   | cps   |
| Scandium   | 45-2  | 434625   | 437315   | 433076   | 435005   | 0.49   | cps   |
| Selenium   | 77-2  | 0        | 10       | 0        | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 91       | 87       | 128      | 102      | 22.12  | cps   |
| Selenium   | 82-1  | 168      | 12       | 84       | 88       | 88.78  | cps   |
| Silicon    | 28-1  | 9413621  | 9184591  | 9207402  | 9268538  | 1.36   | cps   |
| Silver     | 109-1 | 158      | 192      | 167      | 172      | 10.07  | cps   |
| Silver     | 107-1 | 158      | 200      | 258      | 206      | 24.44  | cps   |
| Sodium     | 23-2  | 8552914  | 8758929  | 8615384  | 8642409  | 1.22   | cps   |
| Strontium  | 86-1  | 97406    | 97094    | 97396    | 97298    | 0.18   | cps   |
| Strontium  | 88-1  | 848087   | 838028   | 835808   | 840641   | 0.78   | cps   |
| Sulfur     | 34-1  | 543613   | 542551   | 547114   | 544426   | 0.44   | cps   |
| Terbium    | 159-1 | 18324103 | 18083457 | 18090428 | 18165996 | 0.75   | cps   |
| Terbium    | 159-2 | 9108840  | 9197977  | 9132200  | 9146339  | 0.51   | cps   |
| Thallium   | 203-1 | 350      | 258      | 317      | 308      | 15.05  | cps   |
| Thallium   | 205-1 | 867      | 800      | 750      | 806      | 7.27   | cps   |
| Tin        | 118-1 | 592      | 650      | 508      | 583      | 12.21  | cps   |
| Titanium   | 47-1  | 1651     | 775      | 975      | 1134     | 40.50  | cps   |
| Uranium    | 238-1 | 825      | 883      | 658      | 789      | 14.80  | cps   |
| Vanadium   | 51-2  | 330      | 243      | 303      | 292      | 15.19  | cps   |
| Yttrium    | 89-1  | 13962568 | 13682940 | 13698617 | 13781375 | 1.14   | cps   |
| Yttrium    | 89-2  | 2188441  | 2186001  | 2182469  | 2185637  | 0.14   | cps   |
| Zinc       | 66-2  | 10014    | 9947     | 10190    | 10050    | 1.25   | cps   |
| Zirconium  | 90-1  | 1617     | 1408     | 1467     | 1497     | 7.18   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-85-FL2-BRM-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:09:31  | DataFile Name :   | 127SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 325  | 367  | 392  | 361     | 9.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-87-ROOF-BSC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:12:56 | DataFile Name :   | 128SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1975     | 1734     | 1567     | 1759     | 11.68  | cps   |
| Antimony   | 121-1 | 675      | 675      | 925      | 758      | 19.03  | cps   |
| Arsenic    | 75-2  | 163      | 176      | 185      | 175      | 6.39   | cps   |
| Barium     | 135-1 | 69256    | 68628    | 67892    | 68592    | 1.00   | cps   |
| Barium     | 137-1 | 121100   | 118334   | 117839   | 119091   | 1.48   | cps   |
| Beryllium  | 9-1   | 11       | 39       | 39       | 30       | 54.13  | cps   |
| Bismuth    | 209-1 | 11348323 | 11400961 | 11549121 | 11432801 | 0.91   | cps   |
| Bismuth    | 209-2 | 7133159  | 7062189  | 6984759  | 7060036  | 1.05   | cps   |
| Boron      | 10-1  | 1367     | 1659     | 1517     | 1514     | 9.64   | cps   |
| Boron      | 11-1  | 8194     | 7419     | 7802     | 7805     | 4.97   | cps   |
| Cadmium    | 111-1 | 2404     | 2337     | 2351     | 2364     | 1.49   | cps   |
| Cadmium    | 106-1 | 3401     | 3326     | 3317     | 3348     | 1.37   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 0        | 8        | 100.02 | cps   |
| Calcium    | 43-1  | 264154   | 263787   | 260711   | 262884   | 0.72   | cps   |
| Calcium    | 44-1  | 4350892  | 4345713  | 4335240  | 4343948  | 0.18   | cps   |
| Chromium   | 52-2  | 2067     | 2010     | 1974     | 2017     | 2.33   | cps   |
| Cobalt     | 59-2  | 197      | 260      | 237      | 231      | 13.86  | cps   |
| Copper     | 63-2  | 153259   | 155281   | 155163   | 154567   | 0.73   | cps   |
| Dysprosium | 156-1 | 108      | 92       | 108      | 103      | 9.36   | cps   |
| Dysprosium | 156-2 | 47       | 37       | 63       | 49       | 27.55  | cps   |
| Erbium     | 164-1 | 100      | 183      | 117      | 133      | 33.07  | cps   |
| Erbium     | 164-2 | 57       | 50       | 93       | 67       | 35.00  | cps   |
| Gadolinium | 160-1 | 217      | 267      | 192      | 225      | 16.97  | cps   |
| Gadolinium | 160-2 | 193      | 140      | 203      | 179      | 19.03  | cps   |
| Holmium    | 165-1 | 17447444 | 17411738 | 17480558 | 17446580 | 0.20   | cps   |
| Holmium    | 165-2 | 9035535  | 9087052  | 8984885  | 9035824  | 0.57   | cps   |
| Indium     | 115-1 | 13266855 | 13186017 | 13318366 | 13257079 | 0.50   | cps   |
| Indium     | 115-2 | 2754591  | 2721362  | 2736713  | 2737555  | 0.61   | cps   |
| Iron       | 56-2  | 115413   | 113001   | 112551   | 113655   | 1.35   | cps   |
| Iron       | 57-2  | 3601     | 3551     | 3645     | 3599     | 1.31   | cps   |
| Lead       | 206-1 | 4190     | 4456     | 4145     | 4264     | 3.95   | cps   |
| Lead       | 207-1 | 3756     | 3817     | 3817     | 3797     | 0.93   | cps   |
| Lead       | 208-1 | 16883    | 17049    | 17116    | 17016    | 0.71   | cps   |
| Lithium    | 6-1   | 1820961  | 1822764  | 1823143  | 1822289  | 0.06   | cps   |
| Magnesium  | 24-2  | 522346   | 516372   | 511495   | 516738   | 1.05   | cps   |
| Manganese  | 55-2  | 47951    | 48229    | 48099    | 48093    | 0.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-87-ROOF-BSC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:12:56 | DataFile Name :   | 128SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 608      | 658      | 817      | 694      | 15.66  | cps   |
| Molybdenum | 95-1  | 325      | 283      | 267      | 292      | 10.30  | cps   |
| Molybdenum | 96-1  | 550      | 450      | 408      | 469      | 15.51  | cps   |
| Molybdenum | 97-1  | 242      | 250      | 200      | 231      | 11.62  | cps   |
| Molybdenum | 98-1  | 592      | 558      | 583      | 578      | 3.00   | cps   |
| Neodymium  | 150-1 | 133      | 73       | 113      | 107      | 28.64  | cps   |
| Neodymium  | 150-2 | 43       | 47       | 30       | 40       | 22.05  | cps   |
| Nickel     | 60-2  | 830      | 763      | 717      | 770      | 7.40   | cps   |
| Phosphorus | 31-2  | 7402     | 7285     | 7502     | 7397     | 1.47   | cps   |
| Potassium  | 39-2  | 262040   | 260146   | 264578   | 262255   | 0.85   | cps   |
| Rhodium    | 103-1 | 12629717 | 12544978 | 12686014 | 12620236 | 0.56   | cps   |
| Rhodium    | 103-2 | 6193952  | 6096839  | 6157287  | 6149359  | 0.80   | cps   |
| Scandium   | 45-1  | 8193963  | 8330743  | 8299932  | 8274879  | 0.87   | cps   |
| Scandium   | 45-2  | 431443   | 425655   | 422628   | 426576   | 1.05   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 107      | 102      | 94       | 101      | 6.42   | cps   |
| Selenium   | 82-1  | 95       | 195      | -22      | 89       | 121.77 | cps   |
| Silicon    | 28-1  | 8991155  | 8968872  | 9243142  | 9067723  | 1.68   | cps   |
| Silver     | 109-1 | 158      | 167      | 158      | 161      | 2.99   | cps   |
| Silver     | 107-1 | 133      | 83       | 158      | 125      | 30.55  | cps   |
| Sodium     | 23-2  | 8554541  | 8576157  | 8566276  | 8565658  | 0.13   | cps   |
| Strontium  | 86-1  | 96557    | 95668    | 95861    | 96029    | 0.49   | cps   |
| Strontium  | 88-1  | 836846   | 829709   | 829120   | 831891   | 0.52   | cps   |
| Sulfur     | 34-1  | 533796   | 535218   | 537422   | 535479   | 0.34   | cps   |
| Terbium    | 159-1 | 17817358 | 17781544 | 17785941 | 17794948 | 0.11   | cps   |
| Terbium    | 159-2 | 8980567  | 8994765  | 9036801  | 9004044  | 0.32   | cps   |
| Thallium   | 203-1 | 283      | 317      | 358      | 319      | 11.76  | cps   |
| Thallium   | 205-1 | 717      | 867      | 658      | 747      | 14.38  | cps   |
| Tin        | 118-1 | 700      | 867      | 625      | 731      | 16.93  | cps   |
| Titanium   | 47-1  | 1217     | 1008     | 1217     | 1147     | 10.48  | cps   |
| Uranium    | 238-1 | 817      | 650      | 692      | 719      | 12.06  | cps   |
| Vanadium   | 51-2  | 263      | 203      | 290      | 252      | 17.60  | cps   |
| Yttrium    | 89-1  | 13387086 | 13593013 | 13702105 | 13560735 | 1.18   | cps   |
| Yttrium    | 89-2  | 2143510  | 2130306  | 2139045  | 2137620  | 0.31   | cps   |
| Zinc       | 66-2  | 7762     | 7926     | 8059     | 7916     | 1.88   | cps   |
| Zirconium  | 90-1  | 1300     | 1300     | 1642     | 1414     | 13.95  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-87-ROOF-BSC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:12:56 | DataFile Name :   | 128SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 167  | 358  | 261     | 36.71  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-15 Instrumnet Name : P7  
 Client Sample ID : DC24741-88-ROOF-BSC Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 23:16:20 DataFile Name : 129SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3019     | 2525     | 2267     | 2604     | 14.67  | cps   |
| Antimony   | 121-1 | 858      | 842      | 825      | 842      | 1.98   | cps   |
| Arsenic    | 75-2  | 157      | 211      | 157      | 175      | 17.69  | cps   |
| Barium     | 135-1 | 69574    | 67682    | 68796    | 68684    | 1.38   | cps   |
| Barium     | 137-1 | 119325   | 118285   | 119335   | 118982   | 0.51   | cps   |
| Beryllium  | 9-1   | 44       | 28       | 22       | 31       | 36.74  | cps   |
| Bismuth    | 209-1 | 11392232 | 11434116 | 11058351 | 11294899 | 1.82   | cps   |
| Bismuth    | 209-2 | 7082463  | 7054893  | 7074469  | 7070608  | 0.20   | cps   |
| Boron      | 10-1  | 1400     | 1542     | 1550     | 1497     | 5.63   | cps   |
| Boron      | 11-1  | 7494     | 7802     | 7677     | 7658     | 2.03   | cps   |
| Cadmium    | 111-1 | 2206     | 2394     | 2207     | 2269     | 4.78   | cps   |
| Cadmium    | 106-1 | 3092     | 3376     | 3117     | 3195     | 4.91   | cps   |
| Cadmium    | 108-1 | 13       | 21       | 13       | 15       | 31.48  | cps   |
| Calcium    | 43-1  | 260414   | 259414   | 263119   | 260982   | 0.73   | cps   |
| Calcium    | 44-1  | 4322358  | 4282489  | 4329884  | 4311577  | 0.59   | cps   |
| Chromium   | 52-2  | 1737     | 1830     | 1863     | 1810     | 3.63   | cps   |
| Cobalt     | 59-2  | 240      | 207      | 227      | 224      | 7.48   | cps   |
| Copper     | 63-2  | 201910   | 198730   | 200510   | 200383   | 0.80   | cps   |
| Dysprosium | 156-1 | 150      | 83       | 133      | 122      | 28.39  | cps   |
| Dysprosium | 156-2 | 70       | 77       | 77       | 74       | 5.17   | cps   |
| Erbium     | 164-1 | 150      | 150      | 125      | 142      | 10.19  | cps   |
| Erbium     | 164-2 | 43       | 63       | 57       | 54       | 18.71  | cps   |
| Gadolinium | 160-1 | 158      | 200      | 192      | 183      | 12.03  | cps   |
| Gadolinium | 160-2 | 177      | 187      | 203      | 189      | 7.13   | cps   |
| Holmium    | 165-1 | 17350675 | 17339035 | 17092549 | 17260753 | 0.84   | cps   |
| Holmium    | 165-2 | 9006277  | 8989962  | 8982507  | 8992915  | 0.14   | cps   |
| Indium     | 115-1 | 13406902 | 13191655 | 12889974 | 13162844 | 1.97   | cps   |
| Indium     | 115-2 | 2754655  | 2763935  | 2761972  | 2760188  | 0.18   | cps   |
| Iron       | 56-2  | 115429   | 117574   | 118497   | 117167   | 1.34   | cps   |
| Iron       | 57-2  | 3795     | 3601     | 3673     | 3689     | 2.67   | cps   |
| Lead       | 206-1 | 11127    | 11277    | 10905    | 11103    | 1.69   | cps   |
| Lead       | 207-1 | 9187     | 9704     | 9687     | 9526     | 3.08   | cps   |
| Lead       | 208-1 | 43140    | 44291    | 43117    | 43516    | 1.54   | cps   |
| Lithium    | 6-1   | 1792557  | 1790080  | 1787895  | 1790177  | 0.13   | cps   |
| Magnesium  | 24-2  | 516165   | 509290   | 510738   | 512064   | 0.71   | cps   |
| Manganese  | 55-2  | 48915    | 48296    | 48603    | 48605    | 0.64   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4662-15 Instrumnet Name : P7  
 Client Sample ID : DC24741-88-ROOF-BSC Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 23:16:20 DataFile Name : 129SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 717      | 783      | 517      | 672      | 20.65  | cps   |
| Molybdenum | 95-1  | 325      | 317      | 200      | 281      | 24.91  | cps   |
| Molybdenum | 96-1  | 458      | 433      | 483      | 458      | 5.45   | cps   |
| Molybdenum | 97-1  | 133      | 283      | 267      | 228      | 36.09  | cps   |
| Molybdenum | 98-1  | 583      | 592      | 458      | 544      | 13.72  | cps   |
| Neodymium  | 150-1 | 80       | 73       | 67       | 73       | 9.09   | cps   |
| Neodymium  | 150-2 | 50       | 53       | 67       | 57       | 15.57  | cps   |
| Nickel     | 60-2  | 770      | 707      | 733      | 737      | 4.32   | cps   |
| Phosphorus | 31-2  | 7527     | 6735     | 7677     | 7313     | 6.92   | cps   |
| Potassium  | 39-2  | 258812   | 260853   | 262516   | 260727   | 0.71   | cps   |
| Rhodium    | 103-1 | 12522292 | 12460282 | 12254222 | 12412265 | 1.13   | cps   |
| Rhodium    | 103-2 | 6239012  | 6144776  | 6149852  | 6177880  | 0.86   | cps   |
| Scandium   | 45-1  | 8280385  | 8159348  | 8149507  | 8196413  | 0.89   | cps   |
| Scandium   | 45-2  | 427553   | 424683   | 424516   | 425584   | 0.40   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 93       | 117      | 111      | 107      | 11.81  | cps   |
| Selenium   | 82-1  | 125      | 50       | -26      | 50       | 151.17 | cps   |
| Silicon    | 28-1  | 9405599  | 9115805  | 9045215  | 9188873  | 2.08   | cps   |
| Silver     | 109-1 | 183      | 150      | 100      | 144      | 29.03  | cps   |
| Silver     | 107-1 | 158      | 225      | 183      | 189      | 17.83  | cps   |
| Sodium     | 23-2  | 8505662  | 8405407  | 8468305  | 8459791  | 0.60   | cps   |
| Strontium  | 86-1  | 94896    | 93412    | 95282    | 94530    | 1.04   | cps   |
| Strontium  | 88-1  | 833446   | 837064   | 826467   | 832326   | 0.65   | cps   |
| Sulfur     | 34-1  | 532775   | 526688   | 526634   | 528699   | 0.67   | cps   |
| Terbium    | 159-1 | 17872383 | 17571685 | 17272059 | 17572043 | 1.71   | cps   |
| Terbium    | 159-2 | 9057235  | 9041901  | 9086528  | 9061888  | 0.25   | cps   |
| Thallium   | 203-1 | 283      | 258      | 225      | 256      | 11.45  | cps   |
| Thallium   | 205-1 | 633      | 600      | 817      | 683      | 17.07  | cps   |
| Tin        | 118-1 | 1042     | 1058     | 1108     | 1070     | 3.24   | cps   |
| Titanium   | 47-1  | 983      | 975      | 1250     | 1070     | 14.63  | cps   |
| Uranium    | 238-1 | 808      | 767      | 800      | 792      | 2.79   | cps   |
| Vanadium   | 51-2  | 307      | 237      | 237      | 260      | 15.54  | cps   |
| Yttrium    | 89-1  | 13554879 | 13579452 | 13155165 | 13429832 | 1.77   | cps   |
| Yttrium    | 89-2  | 2154910  | 2133203  | 2147493  | 2145202  | 0.51   | cps   |
| Zinc       | 66-2  | 8806     | 8826     | 8823     | 8818     | 0.12   | cps   |
| Zirconium  | 90-1  | 1400     | 1458     | 1342     | 1400     | 4.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4662-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC24741-88-ROOF-BSC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:16:20 | DataFile Name :   | 129SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 283  | 375  | 311     | 17.84  | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : PB101369BL Instrumnet Name : P7  
 Client Sample ID : PB101369BL Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 23:19:45 DataFile Name : 130SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 342      | 367      | 283      | 331      | 12.94  | cps   |
| Antimony   | 121-1 | 17       | 42       | 42       | 33       | 43.30  | cps   |
| Arsenic    | 75-2  | 7        | 4        | 4        | 5        | 43.39  | cps   |
| Barium     | 135-1 | 33       | 33       | 25       | 31       | 15.74  | cps   |
| Barium     | 137-1 | 167      | 58       | 167      | 131      | 47.91  | cps   |
| Beryllium  | 9-1   | 44       | 6        | 11       | 20       | 103.25 | cps   |
| Bismuth    | 209-1 | 10659315 | 10709130 | 10675333 | 10681259 | 0.24   | cps   |
| Bismuth    | 209-2 | 6503303  | 6469329  | 6519697  | 6497443  | 0.40   | cps   |
| Boron      | 10-1  | 242      | 267      | 325      | 278      | 15.40  | cps   |
| Boron      | 11-1  | 1492     | 1217     | 1375     | 1361     | 10.14  | cps   |
| Cadmium    | 111-1 | 2281     | 2126     | 2122     | 2176     | 4.16   | cps   |
| Cadmium    | 106-1 | 3259     | 3025     | 3034     | 3106     | 4.26   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 8        | 11       | 21.67  | cps   |
| Calcium    | 43-1  | 483      | 483      | 458      | 475      | 3.04   | cps   |
| Calcium    | 44-1  | 18220    | 18571    | 18654    | 18482    | 1.25   | cps   |
| Chromium   | 52-2  | 1747     | 1773     | 1633     | 1718     | 4.33   | cps   |
| Cobalt     | 59-2  | 60       | 107      | 93       | 87       | 27.74  | cps   |
| Copper     | 63-2  | 1317     | 1397     | 1273     | 1329     | 4.71   | cps   |
| Dysprosium | 156-1 | 0        | 42       | 17       | 19       | 107.85 | cps   |
| Dysprosium | 156-2 | 3        | 17       | 0        | 7        | 132.33 | cps   |
| Erbium     | 164-1 | 42       | 58       | 25       | 42       | 40.00  | cps   |
| Erbium     | 164-2 | 13       | 17       | 30       | 20       | 44.10  | cps   |
| Gadolinium | 160-1 | 92       | 58       | 125      | 92       | 36.36  | cps   |
| Gadolinium | 160-2 | 157      | 127      | 130      | 138      | 11.93  | cps   |
| Holmium    | 165-1 | 16157241 | 16136094 | 16202781 | 16165372 | 0.21   | cps   |
| Holmium    | 165-2 | 8614301  | 8606742  | 8621693  | 8614245  | 0.09   | cps   |
| Indium     | 115-1 | 12531911 | 12325668 | 12495573 | 12451051 | 0.88   | cps   |
| Indium     | 115-2 | 2637131  | 2641277  | 2629072  | 2635826  | 0.24   | cps   |
| Iron       | 56-2  | 6140     | 6118     | 6085     | 6114     | 0.46   | cps   |
| Iron       | 57-2  | 294      | 417      | 328      | 346      | 18.25  | cps   |
| Lead       | 206-1 | 1111     | 1045     | 1022     | 1059     | 4.37   | cps   |
| Lead       | 207-1 | 911      | 978      | 1011     | 967      | 5.27   | cps   |
| Lead       | 208-1 | 4111     | 4023     | 4339     | 4158     | 3.93   | cps   |
| Lithium    | 6-1   | 1655172  | 1659852  | 1659971  | 1658331  | 0.17   | cps   |
| Magnesium  | 24-2  | 558      | 442      | 533      | 511      | 12.02  | cps   |
| Manganese  | 55-2  | 60       | 90       | 90       | 80       | 21.65  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101369BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101369BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:19:45 | DataFile Name :   | 130SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 192      | 283      | 208      | 228      | 21.44  | cps   |
| Molybdenum | 95-1  | 25       | 25       | 17       | 22       | 21.64  | cps   |
| Molybdenum | 96-1  | 108      | 67       | 42       | 72       | 46.63  | cps   |
| Molybdenum | 97-1  | 67       | 58       | 100      | 75       | 29.39  | cps   |
| Molybdenum | 98-1  | 42       | 25       | 42       | 36       | 26.65  | cps   |
| Neodymium  | 150-1 | 20       | 33       | 27       | 27       | 25.01  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 110      | 100      | 107      | 106      | 4.82   | cps   |
| Phosphorus | 31-2  | 142      | 183      | 175      | 167      | 13.23  | cps   |
| Potassium  | 39-2  | 42136    | 41267    | 40381    | 41261    | 2.13   | cps   |
| Rhodium    | 103-1 | 11622608 | 11802673 | 11693977 | 11706419 | 0.77   | cps   |
| Rhodium    | 103-2 | 5770696  | 5760140  | 5795869  | 5775568  | 0.32   | cps   |
| Scandium   | 45-1  | 7698243  | 7645845  | 7745012  | 7696367  | 0.64   | cps   |
| Scandium   | 45-2  | 402980   | 407479   | 406723   | 405727   | 0.59   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 111      | 143      | 96       | 117      | 20.26  | cps   |
| Selenium   | 82-1  | 103      | 90       | 125      | 106      | 16.70  | cps   |
| Silicon    | 28-1  | 547926   | 546834   | 549038   | 547933   | 0.20   | cps   |
| Silver     | 109-1 | 50       | 67       | 83       | 67       | 25.00  | cps   |
| Silver     | 107-1 | 83       | 100      | 125      | 103      | 20.40  | cps   |
| Sodium     | 23-2  | 38759    | 39135    | 39411    | 39102    | 0.84   | cps   |
| Strontium  | 86-1  | 1500     | 1792     | 1775     | 1689     | 9.70   | cps   |
| Strontium  | 88-1  | 1475     | 1533     | 1750     | 1586     | 9.14   | cps   |
| Sulfur     | 34-1  | 431552   | 435802   | 433338   | 433564   | 0.49   | cps   |
| Terbium    | 159-1 | 16708688 | 16535030 | 16564459 | 16602726 | 0.56   | cps   |
| Terbium    | 159-2 | 8582692  | 8564495  | 8637062  | 8594750  | 0.44   | cps   |
| Thallium   | 203-1 | 358      | 292      | 333      | 328      | 10.28  | cps   |
| Thallium   | 205-1 | 675      | 517      | 550      | 581      | 14.38  | cps   |
| Tin        | 118-1 | 1300     | 1375     | 1450     | 1375     | 5.46   | cps   |
| Titanium   | 47-1  | 133      | 150      | 192      | 158      | 18.98  | cps   |
| Uranium    | 238-1 | 58       | 50       | 75       | 61       | 20.83  | cps   |
| Vanadium   | 51-2  | 23       | 10       | 10       | 14       | 53.28  | cps   |
| Yttrium    | 89-1  | 12568149 | 12635374 | 12631181 | 12611568 | 0.30   | cps   |
| Yttrium    | 89-2  | 2044476  | 2051075  | 2049160  | 2048237  | 0.17   | cps   |
| Zinc       | 66-2  | 200      | 180      | 213      | 198      | 8.48   | cps   |
| Zirconium  | 90-1  | 667      | 817      | 783      | 756      | 10.42  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101369BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101369BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:19:45 | DataFile Name :   | 130SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 125  | 158  | 136     | 14.14  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101369BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101369BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:23:11 | DataFile Name :   | 131SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 758      | 842      | 667      | 756      | 11.59  | cps   |
| Antimony   | 121-1 | 142      | 100      | 142      | 128      | 18.83  | cps   |
| Arsenic    | 75-2  | 11       | 9        | 6        | 9        | 32.69  | cps   |
| Barium     | 135-1 | 33       | 58       | 67       | 53       | 32.88  | cps   |
| Barium     | 137-1 | 92       | 75       | 58       | 75       | 22.22  | cps   |
| Beryllium  | 9-1   | 6        | 33       | 22       | 20       | 68.62  | cps   |
| Bismuth    | 209-1 | 10834425 | 10856195 | 10733735 | 10808118 | 0.60   | cps   |
| Bismuth    | 209-2 | 6671685  | 6477668  | 6876877  | 6675410  | 2.99   | cps   |
| Boron      | 10-1  | 258      | 217      | 275      | 250      | 12.02  | cps   |
| Boron      | 11-1  | 1258     | 1450     | 1100     | 1270     | 13.81  | cps   |
| Cadmium    | 111-1 | 2336     | 2336     | 2170     | 2281     | 4.22   | cps   |
| Cadmium    | 106-1 | 3351     | 3342     | 3084     | 3259     | 4.65   | cps   |
| Cadmium    | 108-1 | 38       | 17       | 8        | 21       | 72.12  | cps   |
| Calcium    | 43-1  | 817      | 942      | 750      | 836      | 11.64  | cps   |
| Calcium    | 44-1  | 25272    | 24772    | 25130    | 25058    | 1.03   | cps   |
| Chromium   | 52-2  | 1717     | 1583     | 1853     | 1718     | 7.86   | cps   |
| Cobalt     | 59-2  | 130      | 130      | 140      | 133      | 4.33   | cps   |
| Copper     | 63-2  | 1400     | 1320     | 1353     | 1358     | 2.96   | cps   |
| Dysprosium | 156-1 | 17       | 33       | 8        | 19       | 65.48  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 10       | 9        | 21.63  | cps   |
| Erbium     | 164-1 | 25       | 75       | 83       | 61       | 51.63  | cps   |
| Erbium     | 164-2 | 33       | 23       | 43       | 33       | 30.00  | cps   |
| Gadolinium | 160-1 | 67       | 108      | 92       | 89       | 23.59  | cps   |
| Gadolinium | 160-2 | 113      | 123      | 123      | 120      | 4.81   | cps   |
| Holmium    | 165-1 | 15995907 | 16315994 | 16237476 | 16183125 | 1.03   | cps   |
| Holmium    | 165-2 | 8561365  | 8604479  | 8707735  | 8624527  | 0.87   | cps   |
| Indium     | 115-1 | 12668801 | 12594791 | 12466696 | 12576763 | 0.81   | cps   |
| Indium     | 115-2 | 2638180  | 2645674  | 2647759  | 2643871  | 0.19   | cps   |
| Iron       | 56-2  | 8386     | 8619     | 8775     | 8593     | 2.28   | cps   |
| Iron       | 57-2  | 356      | 378      | 356      | 363      | 3.53   | cps   |
| Lead       | 206-1 | 7393524  | 7378810  | 7335797  | 7369377  | 0.41   | cps   |
| Lead       | 207-1 | 6380160  | 6679910  | 6368551  | 6476207  | 2.73   | cps   |
| Lead       | 208-1 | 29554637 | 29931015 | 29413335 | 29632996 | 0.90   | cps   |
| Lithium    | 6-1   | 1686756  | 1684914  | 1665811  | 1679160  | 0.69   | cps   |
| Magnesium  | 24-2  | 650      | 525      | 483      | 553      | 15.69  | cps   |
| Manganese  | 55-2  | 253      | 217      | 223      | 231      | 8.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101369BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101369BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:23:11 | DataFile Name :   | 131SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 342      | 400      | 358      | 367      | 8.19    | cps   |
| Molybdenum | 95-1  | 133      | 217      | 150      | 167      | 26.46   | cps   |
| Molybdenum | 96-1  | 125      | 142      | 175      | 147      | 17.29   | cps   |
| Molybdenum | 97-1  | 150      | 167      | 167      | 161      | 5.97    | cps   |
| Molybdenum | 98-1  | 242      | 258      | 242      | 247      | 3.89    | cps   |
| Neodymium  | 150-1 | 13       | 7        | 0        | 7        | 99.98   | cps   |
| Neodymium  | 150-2 | 7        | 3        | 7        | 6        | 34.70   | cps   |
| Nickel     | 60-2  | 120      | 147      | 163      | 143      | 15.25   | cps   |
| Phosphorus | 31-2  | 242      | 275      | 225      | 247      | 10.30   | cps   |
| Potassium  | 39-2  | 41718    | 42604    | 43214    | 42512    | 1.77    | cps   |
| Rhodium    | 103-1 | 11847731 | 11781803 | 11875396 | 11834977 | 0.41    | cps   |
| Rhodium    | 103-2 | 5866995  | 5845728  | 5875916  | 5862879  | 0.26    | cps   |
| Scandium   | 45-1  | 7692407  | 7836754  | 7774591  | 7767917  | 0.93    | cps   |
| Scandium   | 45-2  | 408673   | 409561   | 414014   | 410749   | 0.70    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 98       | 102      | 102      | 101      | 2.12    | cps   |
| Selenium   | 82-1  | -47      | -57      | 81       | -8       | -984.91 | cps   |
| Silicon    | 28-1  | 546124   | 544852   | 541117   | 544031   | 0.48    | cps   |
| Silver     | 109-1 | 150      | 108      | 125      | 128      | 16.41   | cps   |
| Silver     | 107-1 | 175      | 125      | 158      | 153      | 16.66   | cps   |
| Sodium     | 23-2  | 38509    | 39787    | 40372    | 39556    | 2.41    | cps   |
| Strontium  | 86-1  | 1658     | 1592     | 1600     | 1617     | 2.25    | cps   |
| Strontium  | 88-1  | 1183     | 983      | 1050     | 1072     | 9.50    | cps   |
| Sulfur     | 34-1  | 438677   | 445297   | 447215   | 443730   | 1.01    | cps   |
| Terbium    | 159-1 | 16585261 | 16620346 | 16704236 | 16636614 | 0.37    | cps   |
| Terbium    | 159-2 | 8582513  | 8631544  | 8688786  | 8634281  | 0.62    | cps   |
| Thallium   | 203-1 | 283      | 358      | 367      | 336      | 13.66   | cps   |
| Thallium   | 205-1 | 975      | 817      | 775      | 856      | 12.33   | cps   |
| Tin        | 118-1 | 1050     | 1083     | 1142     | 1092     | 4.25    | cps   |
| Titanium   | 47-1  | 217      | 325      | 300      | 281      | 20.22   | cps   |
| Uranium    | 238-1 | 367      | 267      | 317      | 317      | 15.79   | cps   |
| Vanadium   | 51-2  | 17       | 13       | 20       | 17       | 20.01   | cps   |
| Yttrium    | 89-1  | 12906704 | 12729446 | 12688324 | 12774825 | 0.91    | cps   |
| Yttrium    | 89-2  | 2043887  | 2050706  | 2055274  | 2049956  | 0.28    | cps   |
| Zinc       | 66-2  | 493      | 610      | 590      | 564      | 11.05   | cps   |
| Zirconium  | 90-1  | 667      | 725      | 867      | 753      | 13.66   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101369BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101369BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:23:11 | DataFile Name :   | 131SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 158  | 158  | 172     | 13.97  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-01             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-01-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:26:37  | DataFile Name :   | 132SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 6660     | 6135     | 6293     | 6363     | 4.23   | cps   |
| Antimony   | 121-1 | 1642     | 1650     | 1617     | 1636     | 1.06   | cps   |
| Arsenic    | 75-2  | 178      | 143      | 176      | 165      | 11.97  | cps   |
| Barium     | 135-1 | 68452    | 67783    | 69155    | 68463    | 1.00   | cps   |
| Barium     | 137-1 | 120082   | 117771   | 118747   | 118866   | 0.98   | cps   |
| Beryllium  | 9-1   | 6        | 44       | 17       | 22       | 90.12  | cps   |
| Bismuth    | 209-1 | 11454384 | 11372177 | 11568639 | 11465067 | 0.86   | cps   |
| Bismuth    | 209-2 | 7103108  | 7020524  | 7002376  | 7042003  | 0.76   | cps   |
| Boron      | 10-1  | 1325     | 1709     | 1525     | 1520     | 12.62  | cps   |
| Boron      | 11-1  | 7502     | 7661     | 7644     | 7602     | 1.14   | cps   |
| Cadmium    | 111-1 | 2648     | 2528     | 2636     | 2604     | 2.53   | cps   |
| Cadmium    | 106-1 | 3767     | 3559     | 3751     | 3692     | 3.14   | cps   |
| Cadmium    | 108-1 | 50       | 13       | 50       | 38       | 57.74  | cps   |
| Calcium    | 43-1  | 268243   | 266750   | 267773   | 267589   | 0.29   | cps   |
| Calcium    | 44-1  | 4414369  | 4427790  | 4434857  | 4425672  | 0.24   | cps   |
| Chromium   | 52-2  | 2684     | 2590     | 2534     | 2602     | 2.91   | cps   |
| Cobalt     | 59-2  | 413      | 357      | 453      | 408      | 11.91  | cps   |
| Copper     | 63-2  | 862474   | 865149   | 869741   | 865788   | 0.42   | cps   |
| Dysprosium | 156-1 | 92       | 67       | 75       | 78       | 16.37  | cps   |
| Dysprosium | 156-2 | 47       | 33       | 83       | 54       | 47.56  | cps   |
| Erbium     | 164-1 | 175      | 150      | 67       | 131      | 43.45  | cps   |
| Erbium     | 164-2 | 50       | 80       | 77       | 69       | 23.87  | cps   |
| Gadolinium | 160-1 | 100      | 142      | 158      | 133      | 22.54  | cps   |
| Gadolinium | 160-2 | 203      | 177      | 183      | 188      | 7.39   | cps   |
| Holmium    | 165-1 | 17253894 | 17121319 | 17348587 | 17241267 | 0.66   | cps   |
| Holmium    | 165-2 | 9109298  | 9013253  | 9022632  | 9048394  | 0.59   | cps   |
| Indium     | 115-1 | 13314047 | 13309050 | 13494166 | 13372421 | 0.79   | cps   |
| Indium     | 115-2 | 2752393  | 2761166  | 2740395  | 2751318  | 0.38   | cps   |
| Iron       | 56-2  | 103195   | 102601   | 102567   | 102788   | 0.34   | cps   |
| Iron       | 57-2  | 3351     | 3350     | 3478     | 3393     | 2.17   | cps   |
| Lead       | 206-1 | 9526     | 8953     | 8653     | 9044     | 4.90   | cps   |
| Lead       | 207-1 | 7502     | 7447     | 7430     | 7460     | 0.51   | cps   |
| Lead       | 208-1 | 35236    | 34891    | 34669    | 34932    | 0.82   | cps   |
| Lithium    | 6-1   | 1812943  | 1779207  | 1836449  | 1809533  | 1.59   | cps   |
| Magnesium  | 24-2  | 516011   | 519586   | 518176   | 517925   | 0.35   | cps   |
| Manganese  | 55-2  | 32322    | 31601    | 32443    | 32122    | 1.42   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-01             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-01-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:26:37  | DataFile Name :   | 132SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 925      | 758      | 608      | 764      | 20.74  | cps   |
| Molybdenum | 95-1  | 283      | 308      | 383      | 325      | 16.01  | cps   |
| Molybdenum | 96-1  | 350      | 442      | 425      | 406      | 12.04  | cps   |
| Molybdenum | 97-1  | 250      | 283      | 250      | 261      | 7.37   | cps   |
| Molybdenum | 98-1  | 467      | 392      | 558      | 472      | 17.68  | cps   |
| Neodymium  | 150-1 | 67       | 53       | 87       | 69       | 24.35  | cps   |
| Neodymium  | 150-2 | 33       | 27       | 33       | 31       | 12.36  | cps   |
| Nickel     | 60-2  | 4774     | 4904     | 5088     | 4922     | 3.20   | cps   |
| Phosphorus | 31-2  | 6185     | 5418     | 6185     | 5929     | 7.47   | cps   |
| Potassium  | 39-2  | 259888   | 258999   | 259888   | 259592   | 0.20   | cps   |
| Rhodium    | 103-1 | 12523321 | 12438477 | 12605634 | 12522477 | 0.67   | cps   |
| Rhodium    | 103-2 | 6169093  | 6206830  | 6186207  | 6187377  | 0.31   | cps   |
| Scandium   | 45-1  | 8216366  | 8205743  | 8396502  | 8272870  | 1.30   | cps   |
| Scandium   | 45-2  | 428143   | 425498   | 426400   | 426681   | 0.32   | cps   |
| Selenium   | 77-2  | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Selenium   | 78-2  | 94       | 106      | 115      | 105      | 9.72   | cps   |
| Selenium   | 82-1  | 104      | 53       | 54       | 70       | 40.96  | cps   |
| Silicon    | 28-1  | 9293712  | 9381966  | 9366326  | 9347335  | 0.50   | cps   |
| Silver     | 109-1 | 83       | 67       | 125      | 92       | 32.78  | cps   |
| Silver     | 107-1 | 67       | 117      | 158      | 114      | 40.30  | cps   |
| Sodium     | 23-2  | 8787827  | 8763442  | 8744130  | 8765133  | 0.25   | cps   |
| Strontium  | 86-1  | 95399    | 96582    | 95206    | 95729    | 0.78   | cps   |
| Strontium  | 88-1  | 827033   | 828287   | 829901   | 828407   | 0.17   | cps   |
| Sulfur     | 34-1  | 535497   | 537628   | 539651   | 537592   | 0.39   | cps   |
| Terbium    | 159-1 | 17856056 | 17768509 | 18030995 | 17885186 | 0.75   | cps   |
| Terbium    | 159-2 | 9090884  | 9163272  | 8955328  | 9069828  | 1.16   | cps   |
| Thallium   | 203-1 | 342      | 350      | 292      | 328      | 9.63   | cps   |
| Thallium   | 205-1 | 742      | 950      | 908      | 867      | 12.72  | cps   |
| Tin        | 118-1 | 1125     | 1033     | 1308     | 1156     | 12.12  | cps   |
| Titanium   | 47-1  | 908      | 808      | 708      | 808      | 12.37  | cps   |
| Uranium    | 238-1 | 733      | 692      | 767      | 731      | 5.14   | cps   |
| Vanadium   | 51-2  | 270      | 310      | 257      | 279      | 9.95   | cps   |
| Yttrium    | 89-1  | 13499294 | 13509415 | 13484920 | 13497876 | 0.09   | cps   |
| Yttrium    | 89-2  | 2137095  | 2138011  | 2147991  | 2141032  | 0.28   | cps   |
| Zinc       | 66-2  | 358562   | 357494   | 362919   | 359658   | 0.80   | cps   |
| Zirconium  | 90-1  | 1458     | 1533     | 1542     | 1511     | 3.04   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-01             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-01-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:26:37  | DataFile Name :   | 132SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 325  | 250  | 300  | 292     | 13.09  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-02-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:30:01  | DataFile Name :   | 133SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 6668     | 6368     | 6719     | 6585     | 2.88   | cps   |
| Antimony   | 121-1 | 1183     | 1200     | 1250     | 1211     | 2.86   | cps   |
| Arsenic    | 75-2  | 194      | 187      | 226      | 202      | 10.20  | cps   |
| Barium     | 135-1 | 69097    | 69215    | 68000    | 68771    | 0.97   | cps   |
| Barium     | 137-1 | 124040   | 120108   | 119543   | 121231   | 2.02   | cps   |
| Beryllium  | 9-1   | 17       | 28       | 33       | 26       | 32.72  | cps   |
| Bismuth    | 209-1 | 11486873 | 11588182 | 11479429 | 11518161 | 0.53   | cps   |
| Bismuth    | 209-2 | 7007826  | 6971907  | 6939378  | 6973037  | 0.49   | cps   |
| Boron      | 10-1  | 1725     | 1767     | 1717     | 1736     | 1.54   | cps   |
| Boron      | 11-1  | 8319     | 8953     | 8578     | 8617     | 3.70   | cps   |
| Cadmium    | 111-1 | 2440     | 2475     | 2421     | 2445     | 1.11   | cps   |
| Cadmium    | 106-1 | 3459     | 3542     | 3426     | 3476     | 1.73   | cps   |
| Cadmium    | 108-1 | 8        | 25       | 8        | 14       | 69.31  | cps   |
| Calcium    | 43-1  | 263769   | 258684   | 262069   | 261507   | 0.99   | cps   |
| Calcium    | 44-1  | 4350017  | 4352341  | 4313407  | 4338588  | 0.50   | cps   |
| Chromium   | 52-2  | 3570     | 3847     | 3917     | 3778     | 4.85   | cps   |
| Cobalt     | 59-2  | 680      | 483      | 610      | 591      | 16.86  | cps   |
| Copper     | 63-2  | 806204   | 796743   | 801868   | 801605   | 0.59   | cps   |
| Dysprosium | 156-1 | 67       | 125      | 83       | 92       | 32.78  | cps   |
| Dysprosium | 156-2 | 27       | 50       | 67       | 48       | 42.05  | cps   |
| Erbium     | 164-1 | 83       | 133      | 108      | 108      | 23.08  | cps   |
| Erbium     | 164-2 | 43       | 50       | 50       | 48       | 8.06   | cps   |
| Gadolinium | 160-1 | 183      | 175      | 167      | 175      | 4.76   | cps   |
| Gadolinium | 160-2 | 193      | 197      | 150      | 180      | 14.46  | cps   |
| Holmium    | 165-1 | 17511168 | 17418843 | 17247183 | 17392398 | 0.77   | cps   |
| Holmium    | 165-2 | 8989417  | 9007669  | 8997529  | 8998205  | 0.10   | cps   |
| Indium     | 115-1 | 13321482 | 13434065 | 13231520 | 13329022 | 0.76   | cps   |
| Indium     | 115-2 | 2743643  | 2735395  | 2730871  | 2736637  | 0.24   | cps   |
| Iron       | 56-2  | 196847   | 198537   | 199312   | 198232   | 0.64   | cps   |
| Iron       | 57-2  | 5673     | 5907     | 5985     | 5855     | 2.77   | cps   |
| Lead       | 206-1 | 2245     | 2311     | 2334     | 2297     | 2.01   | cps   |
| Lead       | 207-1 | 1761     | 1995     | 1911     | 1889     | 6.26   | cps   |
| Lead       | 208-1 | 8779     | 9057     | 9052     | 8963     | 1.77   | cps   |
| Lithium    | 6-1   | 1825069  | 1845714  | 1815196  | 1828660  | 0.85   | cps   |
| Magnesium  | 24-2  | 507841   | 509049   | 503055   | 506648   | 0.63   | cps   |
| Manganese  | 55-2  | 38377    | 38681    | 38347    | 38468    | 0.48   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-02-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:30:01  | DataFile Name :   | 133SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 833      | 875      | 808      | 839      | 4.02    | cps   |
| Molybdenum | 95-1  | 533      | 508      | 633      | 558      | 11.85   | cps   |
| Molybdenum | 96-1  | 717      | 817      | 783      | 772      | 6.59    | cps   |
| Molybdenum | 97-1  | 467      | 433      | 442      | 447      | 3.88    | cps   |
| Molybdenum | 98-1  | 917      | 975      | 1017     | 970      | 5.18    | cps   |
| Neodymium  | 150-1 | 27       | 100      | 67       | 64       | 56.97   | cps   |
| Neodymium  | 150-2 | 10       | 20       | 27       | 19       | 44.42   | cps   |
| Nickel     | 60-2  | 853      | 753      | 937      | 848      | 10.83   | cps   |
| Phosphorus | 31-2  | 7060     | 6635     | 6593     | 6763     | 3.82    | cps   |
| Potassium  | 39-2  | 261762   | 261734   | 262075   | 261857   | 0.07    | cps   |
| Rhodium    | 103-1 | 12638298 | 12528446 | 12411547 | 12526097 | 0.91    | cps   |
| Rhodium    | 103-2 | 6226887  | 6137859  | 6141945  | 6168897  | 0.81    | cps   |
| Scandium   | 45-1  | 8357174  | 8373958  | 8272543  | 8334558  | 0.65    | cps   |
| Scandium   | 45-2  | 425628   | 422172   | 425337   | 424379   | 0.45    | cps   |
| Selenium   | 77-2  | 0        | 7        | 7        | 4        | 86.60   | cps   |
| Selenium   | 78-2  | 111      | 91       | 117      | 106      | 12.86   | cps   |
| Selenium   | 82-1  | -14      | -1       | 5        | -3       | -301.56 | cps   |
| Silicon    | 28-1  | 9388670  | 9352955  | 9210769  | 9317465  | 1.01    | cps   |
| Silver     | 109-1 | 92       | 92       | 108      | 97       | 9.90    | cps   |
| Silver     | 107-1 | 158      | 125      | 175      | 153      | 16.66   | cps   |
| Sodium     | 23-2  | 8826899  | 8667753  | 8690871  | 8728507  | 0.99    | cps   |
| Strontium  | 86-1  | 96230    | 96423    | 94199    | 95617    | 1.29    | cps   |
| Strontium  | 88-1  | 843904   | 829435   | 829220   | 834187   | 1.01    | cps   |
| Sulfur     | 34-1  | 544813   | 543339   | 538656   | 542269   | 0.59    | cps   |
| Terbium    | 159-1 | 17878282 | 18041434 | 17838270 | 17919329 | 0.60    | cps   |
| Terbium    | 159-2 | 9033587  | 8966170  | 9007585  | 9002447  | 0.38    | cps   |
| Thallium   | 203-1 | 325      | 367      | 300      | 331      | 10.19   | cps   |
| Thallium   | 205-1 | 758      | 700      | 717      | 725      | 4.14    | cps   |
| Tin        | 118-1 | 1117     | 1033     | 1208     | 1120     | 7.82    | cps   |
| Titanium   | 47-1  | 1083     | 1017     | 1142     | 1081     | 5.79    | cps   |
| Uranium    | 238-1 | 792      | 833      | 625      | 750      | 14.70   | cps   |
| Vanadium   | 51-2  | 370      | 403      | 447      | 407      | 9.45    | cps   |
| Yttrium    | 89-1  | 13608651 | 13528463 | 13323016 | 13486710 | 1.09    | cps   |
| Yttrium    | 89-2  | 2141689  | 2134163  | 2125146  | 2133666  | 0.39    | cps   |
| Zinc       | 66-2  | 8326     | 8339     | 8052     | 8239     | 1.96    | cps   |
| Zirconium  | 90-1  | 1217     | 1458     | 1392     | 1356     | 9.21    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-02             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-02-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:30:01  | DataFile Name :   | 133SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 242  | 408  | 286     | 37.45  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-03-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:33:26  | DataFile Name :   | 134SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8111     | 8119     | 8161     | 8130     | 0.33   | cps   |
| Antimony   | 121-1 | 2917     | 2850     | 3050     | 2939     | 3.47   | cps   |
| Arsenic    | 75-2  | 189      | 172      | 178      | 180      | 4.73   | cps   |
| Barium     | 135-1 | 65371    | 64501    | 64752    | 64875    | 0.69   | cps   |
| Barium     | 137-1 | 112613   | 112193   | 111437   | 112081   | 0.53   | cps   |
| Beryllium  | 9-1   | 6        | 22       | 17       | 15       | 57.25  | cps   |
| Bismuth    | 209-1 | 11362924 | 11285872 | 11284205 | 11311000 | 0.40   | cps   |
| Bismuth    | 209-2 | 7119955  | 7150967  | 7000832  | 7090585  | 1.12   | cps   |
| Boron      | 10-1  | 1717     | 1625     | 1575     | 1639     | 4.38   | cps   |
| Boron      | 11-1  | 7927     | 8336     | 7977     | 8080     | 2.76   | cps   |
| Cadmium    | 111-1 | 2435     | 2199     | 2463     | 2366     | 6.12   | cps   |
| Cadmium    | 106-1 | 3492     | 3117     | 3492     | 3367     | 6.43   | cps   |
| Cadmium    | 108-1 | 25       | 17       | 33       | 25       | 33.32  | cps   |
| Calcium    | 43-1  | 276739   | 276151   | 274142   | 275677   | 0.49   | cps   |
| Calcium    | 44-1  | 4594550  | 4576156  | 4520314  | 4563673  | 0.85   | cps   |
| Chromium   | 52-2  | 2520     | 2477     | 2424     | 2474     | 1.96   | cps   |
| Cobalt     | 59-2  | 470      | 450      | 420      | 447      | 5.64   | cps   |
| Copper     | 63-2  | 919524   | 917590   | 925648   | 920921   | 0.46   | cps   |
| Dysprosium | 156-1 | 50       | 50       | 58       | 53       | 9.12   | cps   |
| Dysprosium | 156-2 | 37       | 30       | 27       | 31       | 16.37  | cps   |
| Erbium     | 164-1 | 117      | 125      | 150      | 131      | 13.29  | cps   |
| Erbium     | 164-2 | 47       | 50       | 47       | 48       | 4.02   | cps   |
| Gadolinium | 160-1 | 150      | 167      | 175      | 164      | 7.77   | cps   |
| Gadolinium | 160-2 | 183      | 160      | 170      | 171      | 6.84   | cps   |
| Holmium    | 165-1 | 17250022 | 17389053 | 17217762 | 17285612 | 0.53   | cps   |
| Holmium    | 165-2 | 9180598  | 9102994  | 9084725  | 9122772  | 0.56   | cps   |
| Indium     | 115-1 | 13397343 | 13171667 | 13262554 | 13277188 | 0.86   | cps   |
| Indium     | 115-2 | 2758420  | 2767531  | 2771861  | 2765937  | 0.25   | cps   |
| Iron       | 56-2  | 110901   | 112088   | 110978   | 111323   | 0.60   | cps   |
| Iron       | 57-2  | 3567     | 3639     | 3473     | 3560     | 2.35   | cps   |
| Lead       | 206-1 | 6229     | 6257     | 6024     | 6170     | 2.07   | cps   |
| Lead       | 207-1 | 5312     | 5101     | 4818     | 5077     | 4.89   | cps   |
| Lead       | 208-1 | 24109    | 24009    | 23414    | 23844    | 1.57   | cps   |
| Lithium    | 6-1   | 1840001  | 1817663  | 1798526  | 1818730  | 1.14   | cps   |
| Magnesium  | 24-2  | 522744   | 525748   | 523794   | 524095   | 0.29   | cps   |
| Manganese  | 55-2  | 37344    | 37491    | 37347    | 37394    | 0.22   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-03-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:33:26  | DataFile Name :   | 134SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 675      | 783      | 667      | 708      | 9.19   | cps   |
| Molybdenum | 95-1  | 233      | 242      | 292      | 256      | 12.35  | cps   |
| Molybdenum | 96-1  | 483      | 450      | 433      | 456      | 5.59   | cps   |
| Molybdenum | 97-1  | 292      | 325      | 258      | 292      | 11.43  | cps   |
| Molybdenum | 98-1  | 525      | 442      | 400      | 456      | 13.97  | cps   |
| Neodymium  | 150-1 | 33       | 47       | 80       | 53       | 45.07  | cps   |
| Neodymium  | 150-2 | 33       | 40       | 20       | 31       | 32.73  | cps   |
| Nickel     | 60-2  | 2070     | 2127     | 2027     | 2075     | 2.42   | cps   |
| Phosphorus | 31-2  | 5860     | 6127     | 6110     | 6032     | 2.48   | cps   |
| Potassium  | 39-2  | 262584   | 264172   | 267951   | 264902   | 1.04   | cps   |
| Rhodium    | 103-1 | 12613101 | 12449715 | 12566468 | 12543095 | 0.67   | cps   |
| Rhodium    | 103-2 | 6220989  | 6197819  | 6210020  | 6209609  | 0.19   | cps   |
| Scandium   | 45-1  | 8295378  | 8254952  | 8277380  | 8275903  | 0.24   | cps   |
| Scandium   | 45-2  | 434757   | 428396   | 433137   | 432097   | 0.77   | cps   |
| Selenium   | 77-2  | 10       | 0        | 10       | 7        | 86.60  | cps   |
| Selenium   | 78-2  | 100      | 91       | 93       | 94       | 5.19   | cps   |
| Selenium   | 82-1  | 5        | 57       | 177      | 79       | 111.09 | cps   |
| Silicon    | 28-1  | 9417798  | 9402011  | 9279409  | 9366406  | 0.81   | cps   |
| Silver     | 109-1 | 75       | 108      | 125      | 103      | 24.77  | cps   |
| Silver     | 107-1 | 158      | 67       | 83       | 103      | 47.51  | cps   |
| Sodium     | 23-2  | 8796138  | 8764723  | 8894648  | 8818503  | 0.77   | cps   |
| Strontium  | 86-1  | 95039    | 95718    | 94628    | 95129    | 0.58   | cps   |
| Strontium  | 88-1  | 831380   | 827643   | 828594   | 829206   | 0.23   | cps   |
| Sulfur     | 34-1  | 543384   | 540834   | 541611   | 541943   | 0.24   | cps   |
| Terbium    | 159-1 | 17809128 | 17667341 | 17542576 | 17673015 | 0.75   | cps   |
| Terbium    | 159-2 | 9120011  | 9119626  | 9016307  | 9085315  | 0.66   | cps   |
| Thallium   | 203-1 | 317      | 283      | 375      | 325      | 14.28  | cps   |
| Thallium   | 205-1 | 767      | 717      | 875      | 786      | 10.30  | cps   |
| Tin        | 118-1 | 1217     | 1342     | 1333     | 1297     | 5.39   | cps   |
| Titanium   | 47-1  | 925      | 933      | 1067     | 975      | 8.15   | cps   |
| Uranium    | 238-1 | 733      | 717      | 692      | 714      | 2.94   | cps   |
| Vanadium   | 51-2  | 280      | 233      | 307      | 273      | 13.58  | cps   |
| Yttrium    | 89-1  | 13610640 | 13415128 | 13596756 | 13540841 | 0.81   | cps   |
| Yttrium    | 89-2  | 2171415  | 2146453  | 2162386  | 2160085  | 0.59   | cps   |
| Zinc       | 66-2  | 207021   | 204912   | 204457   | 205464   | 0.67   | cps   |
| Zirconium  | 90-1  | 1225     | 1250     | 1250     | 1242     | 1.16   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-03-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:33:26  | DataFile Name :   | 134SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 308  | 317  | 331     | 9.55   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-04 Instrumnet Name : P7  
 Client Sample ID : DC32515-04-FL2-BRC-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 23:36:50 DataFile Name : 135SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 24471    | 24245    | 24321    | 24346    | 0.47   | cps   |
| Antimony   | 121-1 | 917      | 967      | 950      | 945      | 2.70   | cps   |
| Arsenic    | 75-2  | 141      | 202      | 187      | 177      | 18.06  | cps   |
| Barium     | 135-1 | 73134    | 72841    | 71845    | 72607    | 0.93   | cps   |
| Barium     | 137-1 | 129288   | 128305   | 125950   | 127847   | 1.34   | cps   |
| Beryllium  | 9-1   | 17       | 22       | 28       | 22       | 25.00  | cps   |
| Bismuth    | 209-1 | 11323672 | 11189040 | 11270164 | 11260958 | 0.60   | cps   |
| Bismuth    | 209-2 | 7095941  | 6982680  | 6942189  | 7006937  | 1.14   | cps   |
| Boron      | 10-1  | 2100     | 2167     | 2159     | 2142     | 1.70   | cps   |
| Boron      | 11-1  | 9862     | 10187    | 10246    | 10098    | 2.05   | cps   |
| Cadmium    | 111-1 | 2192     | 2273     | 2377     | 2280     | 4.06   | cps   |
| Cadmium    | 106-1 | 3092     | 3226     | 3401     | 3239     | 4.77   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 29       | 15       | 78.76  | cps   |
| Calcium    | 43-1  | 260202   | 260422   | 258838   | 259821   | 0.33   | cps   |
| Calcium    | 44-1  | 4269142  | 4291705  | 4248507  | 4269784  | 0.51   | cps   |
| Chromium   | 52-2  | 2320     | 2350     | 2310     | 2327     | 0.89   | cps   |
| Cobalt     | 59-2  | 1183     | 1120     | 1113     | 1139     | 3.39   | cps   |
| Copper     | 63-2  | 372003   | 371245   | 369108   | 370786   | 0.40   | cps   |
| Dysprosium | 156-1 | 67       | 58       | 83       | 69       | 18.33  | cps   |
| Dysprosium | 156-2 | 53       | 50       | 43       | 49       | 10.42  | cps   |
| Erbium     | 164-1 | 92       | 167      | 142      | 133      | 28.64  | cps   |
| Erbium     | 164-2 | 83       | 50       | 57       | 63       | 27.85  | cps   |
| Gadolinium | 160-1 | 208      | 133      | 200      | 181      | 22.77  | cps   |
| Gadolinium | 160-2 | 170      | 163      | 177      | 170      | 3.92   | cps   |
| Holmium    | 165-1 | 17392286 | 17157732 | 17185625 | 17245214 | 0.74   | cps   |
| Holmium    | 165-2 | 8999655  | 8830152  | 8951585  | 8927131  | 0.98   | cps   |
| Indium     | 115-1 | 13277418 | 13167344 | 13060344 | 13168369 | 0.82   | cps   |
| Indium     | 115-2 | 2720956  | 2744939  | 2732844  | 2732913  | 0.44   | cps   |
| Iron       | 56-2  | 153734   | 154312   | 149358   | 152468   | 1.78   | cps   |
| Iron       | 57-2  | 4440     | 4334     | 4240     | 4338     | 2.31   | cps   |
| Lead       | 206-1 | 2172     | 2545     | 2384     | 2367     | 7.89   | cps   |
| Lead       | 207-1 | 2150     | 2017     | 2034     | 2067     | 3.52   | cps   |
| Lead       | 208-1 | 9452     | 9557     | 9246     | 9418     | 1.68   | cps   |
| Lithium    | 6-1   | 1836111  | 1812368  | 1807779  | 1818752  | 0.84   | cps   |
| Magnesium  | 24-2  | 498407   | 498290   | 494757   | 497152   | 0.42   | cps   |
| Manganese  | 55-2  | 36328    | 36499    | 37197    | 36675    | 1.26   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-04-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:36:50  | DataFile Name :   | 135SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 717      | 542      | 675      | 644      | 14.19  | cps   |
| Molybdenum | 95-1  | 325      | 375      | 333      | 344      | 7.78   | cps   |
| Molybdenum | 96-1  | 467      | 467      | 483      | 472      | 2.04   | cps   |
| Molybdenum | 97-1  | 250      | 267      | 267      | 261      | 3.69   | cps   |
| Molybdenum | 98-1  | 475      | 575      | 525      | 525      | 9.52   | cps   |
| Neodymium  | 150-1 | 80       | 47       | 53       | 60       | 29.39  | cps   |
| Neodymium  | 150-2 | 23       | 30       | 30       | 28       | 13.86  | cps   |
| Nickel     | 60-2  | 1287     | 1133     | 1090     | 1170     | 8.83   | cps   |
| Phosphorus | 31-2  | 6935     | 6810     | 6627     | 6791     | 2.28   | cps   |
| Potassium  | 39-2  | 258703   | 262086   | 259015   | 259935   | 0.72   | cps   |
| Rhodium    | 103-1 | 12620401 | 12333720 | 12381739 | 12445287 | 1.23   | cps   |
| Rhodium    | 103-2 | 6182307  | 6108686  | 6138988  | 6143327  | 0.60   | cps   |
| Scandium   | 45-1  | 8421468  | 8157558  | 8103170  | 8227399  | 2.07   | cps   |
| Scandium   | 45-2  | 420255   | 426804   | 426314   | 424458   | 0.86   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 100      | 106      | 130      | 112      | 14.10  | cps   |
| Selenium   | 82-1  | 35       | 239      | -21      | 84       | 162.90 | cps   |
| Silicon    | 28-1  | 9339731  | 9253109  | 9302465  | 9298435  | 0.47   | cps   |
| Silver     | 109-1 | 83       | 92       | 92       | 89       | 5.41   | cps   |
| Silver     | 107-1 | 150      | 125      | 167      | 147      | 14.24  | cps   |
| Sodium     | 23-2  | 8687248  | 8642956  | 8684871  | 8671692  | 0.29   | cps   |
| Strontium  | 86-1  | 95869    | 98663    | 95358    | 96630    | 1.84   | cps   |
| Strontium  | 88-1  | 839978   | 832581   | 828795   | 833785   | 0.68   | cps   |
| Sulfur     | 34-1  | 540656   | 539950   | 539157   | 539921   | 0.14   | cps   |
| Terbium    | 159-1 | 17785941 | 17611366 | 17741201 | 17712836 | 0.51   | cps   |
| Terbium    | 159-2 | 8991374  | 9049327  | 9004075  | 9014925  | 0.34   | cps   |
| Thallium   | 203-1 | 242      | 350      | 342      | 311      | 19.38  | cps   |
| Thallium   | 205-1 | 817      | 800      | 750      | 789      | 4.40   | cps   |
| Tin        | 118-1 | 2467     | 2584     | 2267     | 2439     | 6.57   | cps   |
| Titanium   | 47-1  | 1117     | 950      | 1000     | 1022     | 8.37   | cps   |
| Uranium    | 238-1 | 667      | 700      | 742      | 703      | 5.35   | cps   |
| Vanadium   | 51-2  | 353      | 330      | 393      | 359      | 8.93   | cps   |
| Yttrium    | 89-1  | 13494571 | 13403498 | 13449735 | 13449268 | 0.34   | cps   |
| Yttrium    | 89-2  | 2114147  | 2126668  | 2136400  | 2125738  | 0.52   | cps   |
| Zinc       | 66-2  | 11378    | 11305    | 11018    | 11233    | 1.70   | cps   |
| Zirconium  | 90-1  | 1317     | 1417     | 1417     | 1383     | 4.17   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-04-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:36:50  | DataFile Name :   | 135SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 342  | 275  | 303     | 11.46  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV75               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV75               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:40:15 | DataFile Name :   | 136SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 825      | 950      | 983      | 920      | 9.08   | cps   |
| Antimony   | 121-1 | 158      | 83       | 100      | 114      | 34.58  | cps   |
| Arsenic    | 75-2  | 11       | 15       | 9        | 12       | 24.10  | cps   |
| Barium     | 135-1 | 42       | 33       | 33       | 36       | 13.33  | cps   |
| Barium     | 137-1 | 92       | 108      | 100      | 100      | 8.33   | cps   |
| Beryllium  | 9-1   | 6        | 28       | 6        | 13       | 98.94  | cps   |
| Bismuth    | 209-1 | 10721624 | 10733663 | 10826280 | 10760522 | 0.53   | cps   |
| Bismuth    | 209-2 | 6438743  | 6443825  | 6432469  | 6438346  | 0.09   | cps   |
| Boron      | 10-1  | 233      | 383      | 208      | 275      | 34.42  | cps   |
| Boron      | 11-1  | 1617     | 1575     | 1625     | 1606     | 1.67   | cps   |
| Cadmium    | 111-1 | 2319     | 2127     | 2433     | 2293     | 6.74   | cps   |
| Cadmium    | 106-1 | 3317     | 3034     | 3451     | 3267     | 6.52   | cps   |
| Cadmium    | 108-1 | 17       | 13       | 4        | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 500      | 517      | 558      | 525      | 5.72   | cps   |
| Calcium    | 44-1  | 18771    | 18813    | 18713    | 18765    | 0.27   | cps   |
| Chromium   | 52-2  | 1793     | 1730     | 1600     | 1708     | 5.77   | cps   |
| Cobalt     | 59-2  | 110      | 127      | 100      | 112      | 12.01  | cps   |
| Copper     | 63-2  | 1353     | 1293     | 1360     | 1336     | 2.75   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Dysprosium | 156-2 | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 25       | 25       | 67       | 39       | 61.86  | cps   |
| Erbium     | 164-2 | 30       | 27       | 20       | 26       | 19.92  | cps   |
| Gadolinium | 160-1 | 125      | 58       | 125      | 103      | 37.45  | cps   |
| Gadolinium | 160-2 | 143      | 133      | 133      | 137      | 4.22   | cps   |
| Holmium    | 165-1 | 16265673 | 16100623 | 16118010 | 16161435 | 0.56   | cps   |
| Holmium    | 165-2 | 8559683  | 8543194  | 8541989  | 8548289  | 0.12   | cps   |
| Indium     | 115-1 | 12400651 | 12473055 | 12445492 | 12439733 | 0.29   | cps   |
| Indium     | 115-2 | 2617250  | 2608077  | 2607639  | 2610989  | 0.21   | cps   |
| Iron       | 56-2  | 7524     | 8153     | 7480     | 7719     | 4.87   | cps   |
| Iron       | 57-2  | 383      | 322      | 350      | 352      | 8.70   | cps   |
| Lead       | 206-1 | 7336435  | 7330224  | 7389140  | 7351933  | 0.44   | cps   |
| Lead       | 207-1 | 6777080  | 6373753  | 6393068  | 6514634  | 3.49   | cps   |
| Lead       | 208-1 | 29843250 | 29464529 | 29661142 | 29656307 | 0.64   | cps   |
| Lithium    | 6-1   | 1692478  | 1693592  | 1692176  | 1692749  | 0.04   | cps   |
| Magnesium  | 24-2  | 500      | 408      | 458      | 456      | 10.07  | cps   |
| Manganese  | 55-2  | 93       | 93       | 93       | 93       | 0.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV75               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV75               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:40:15 | DataFile Name :   | 136SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 375      | 383      | 275      | 344      | 17.50  | cps   |
| Molybdenum | 95-1  | 100      | 175      | 117      | 131      | 30.17  | cps   |
| Molybdenum | 96-1  | 217      | 233      | 233      | 228      | 4.23   | cps   |
| Molybdenum | 97-1  | 167      | 92       | 142      | 133      | 28.64  | cps   |
| Molybdenum | 98-1  | 283      | 175      | 150      | 203      | 34.95  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 13       | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 130      | 137      | 133      | 133      | 2.50   | cps   |
| Phosphorus | 31-2  | 242      | 308      | 233      | 261      | 15.74  | cps   |
| Potassium  | 39-2  | 40933    | 41375    | 41199    | 41169    | 0.54   | cps   |
| Rhodium    | 103-1 | 11701297 | 11726694 | 11708628 | 11712206 | 0.11   | cps   |
| Rhodium    | 103-2 | 5790826  | 5757173  | 5747204  | 5765067  | 0.40   | cps   |
| Scandium   | 45-1  | 7767323  | 7668564  | 7759490  | 7731792  | 0.71   | cps   |
| Scandium   | 45-2  | 404988   | 402171   | 401285   | 402815   | 0.48   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 81       | 104      | 85       | 90       | 13.21  | cps   |
| Selenium   | 82-1  | 83       | -33      | 98       | 49       | 146.40 | cps   |
| Silicon    | 28-1  | 539456   | 543122   | 547115   | 543231   | 0.71   | cps   |
| Silver     | 109-1 | 100      | 67       | 75       | 81       | 21.53  | cps   |
| Silver     | 107-1 | 125      | 158      | 208      | 164      | 25.59  | cps   |
| Sodium     | 23-2  | 39203    | 40581    | 40188    | 39990    | 1.78   | cps   |
| Strontium  | 86-1  | 1617     | 1625     | 1592     | 1611     | 1.08   | cps   |
| Strontium  | 88-1  | 683      | 758      | 658      | 700      | 7.44   | cps   |
| Sulfur     | 34-1  | 435576   | 444901   | 439713   | 440063   | 1.06   | cps   |
| Terbium    | 159-1 | 16540554 | 16706776 | 16610525 | 16619285 | 0.50   | cps   |
| Terbium    | 159-2 | 8547277  | 8508064  | 8497649  | 8517663  | 0.31   | cps   |
| Thallium   | 203-1 | 333      | 292      | 425      | 350      | 19.49  | cps   |
| Thallium   | 205-1 | 942      | 775      | 917      | 878      | 10.24  | cps   |
| Tin        | 118-1 | 992      | 1000     | 1208     | 1067     | 11.51  | cps   |
| Titanium   | 47-1  | 192      | 150      | 167      | 169      | 12.38  | cps   |
| Uranium    | 238-1 | 333      | 417      | 308      | 353      | 16.08  | cps   |
| Vanadium   | 51-2  | 37       | 20       | 20       | 26       | 37.66  | cps   |
| Yttrium    | 89-1  | 12633631 | 12639813 | 12582611 | 12618685 | 0.25   | cps   |
| Yttrium    | 89-2  | 2030966  | 2026308  | 2030762  | 2029345  | 0.13   | cps   |
| Zinc       | 66-2  | 313      | 320      | 307      | 313      | 2.13   | cps   |
| Zirconium  | 90-1  | 767      | 725      | 675      | 722      | 6.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV75               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV75               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:40:15 | DataFile Name :   | 136SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 125  | 142  | 122     | 17.16  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB75               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB75               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:43:41 | DataFile Name :   | 137SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 275      | 375      | 300      | 317      | 16.43  | cps   |
| Antimony   | 121-1 | 75       | 50       | 50       | 58       | 24.74  | cps   |
| Arsenic    | 75-2  | 9        | 7        | 9        | 9        | 12.36  | cps   |
| Barium     | 135-1 | 50       | 50       | 75       | 58       | 24.74  | cps   |
| Barium     | 137-1 | 83       | 83       | 108      | 92       | 15.74  | cps   |
| Beryllium  | 9-1   | 6        | 0        | 11       | 6        | 99.97  | cps   |
| Bismuth    | 209-1 | 10799427 | 10617967 | 10510703 | 10642699 | 1.37   | cps   |
| Bismuth    | 209-2 | 6370839  | 6318957  | 6403177  | 6364324  | 0.67   | cps   |
| Boron      | 10-1  | 192      | 200      | 133      | 175      | 20.76  | cps   |
| Boron      | 11-1  | 1192     | 1183     | 1217     | 1197     | 1.45   | cps   |
| Cadmium    | 111-1 | 2210     | 2078     | 2039     | 2109     | 4.24   | cps   |
| Cadmium    | 106-1 | 3151     | 2967     | 2909     | 3009     | 4.19   | cps   |
| Cadmium    | 108-1 | 0        | 4        | 8        | 4        | 99.96  | cps   |
| Calcium    | 43-1  | 367      | 433      | 350      | 383      | 11.50  | cps   |
| Calcium    | 44-1  | 17453    | 16593    | 16702    | 16916    | 2.77   | cps   |
| Chromium   | 52-2  | 1640     | 1747     | 1740     | 1709     | 3.50   | cps   |
| Cobalt     | 59-2  | 103      | 77       | 43       | 74       | 40.39  | cps   |
| Copper     | 63-2  | 1467     | 1450     | 1360     | 1426     | 4.03   | cps   |
| Dysprosium | 156-1 | 67       | 0        | 25       | 31       | 110.22 | cps   |
| Dysprosium | 156-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Erbium     | 164-1 | 50       | 33       | 75       | 53       | 39.74  | cps   |
| Erbium     | 164-2 | 3        | 33       | 27       | 21       | 74.63  | cps   |
| Gadolinium | 160-1 | 100      | 92       | 83       | 92       | 9.09   | cps   |
| Gadolinium | 160-2 | 140      | 127      | 137      | 134      | 5.16   | cps   |
| Holmium    | 165-1 | 15972357 | 15962771 | 16047092 | 15994073 | 0.29   | cps   |
| Holmium    | 165-2 | 8499113  | 8417349  | 8529226  | 8481896  | 0.68   | cps   |
| Indium     | 115-1 | 12377015 | 12163385 | 12301511 | 12280637 | 0.88   | cps   |
| Indium     | 115-2 | 2594481  | 2586204  | 2606047  | 2595578  | 0.38   | cps   |
| Iron       | 56-2  | 5912     | 5824     | 5601     | 5779     | 2.77   | cps   |
| Iron       | 57-2  | 356      | 322      | 261      | 313      | 15.31  | cps   |
| Lead       | 206-1 | 1272     | 1222     | 1189     | 1228     | 3.42   | cps   |
| Lead       | 207-1 | 1106     | 967      | 928      | 1000     | 9.35   | cps   |
| Lead       | 208-1 | 5084     | 4778     | 4528     | 4797     | 5.80   | cps   |
| Lithium    | 6-1   | 1672428  | 1659632  | 1670813  | 1667624  | 0.42   | cps   |
| Magnesium  | 24-2  | 425      | 400      | 475      | 433      | 8.81   | cps   |
| Manganese  | 55-2  | 70       | 87       | 100      | 86       | 17.57  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB75               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB75               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:43:41 | DataFile Name :   | 137SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 208      | 192      | 267      | 222      | 17.72    | cps   |
| Molybdenum | 95-1  | 17       | 17       | 25       | 19       | 24.73    | cps   |
| Molybdenum | 96-1  | 133      | 100      | 42       | 92       | 50.62    | cps   |
| Molybdenum | 97-1  | 92       | 117      | 158      | 122      | 27.56    | cps   |
| Molybdenum | 98-1  | 33       | 75       | 8        | 39       | 86.61    | cps   |
| Neodymium  | 150-1 | 27       | 0        | 0        | 9        | 173.21   | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21   | cps   |
| Nickel     | 60-2  | 193      | 193      | 197      | 194      | 0.99     | cps   |
| Phosphorus | 31-2  | 208      | 250      | 225      | 228      | 9.21     | cps   |
| Potassium  | 39-2  | 41100    | 41367    | 39746    | 40738    | 2.13     | cps   |
| Rhodium    | 103-1 | 11628353 | 11697159 | 11614069 | 11646527 | 0.38     | cps   |
| Rhodium    | 103-2 | 5717485  | 5745187  | 5736846  | 5733173  | 0.25     | cps   |
| Scandium   | 45-1  | 7646628  | 7628670  | 7582709  | 7619335  | 0.43     | cps   |
| Scandium   | 45-2  | 400604   | 397641   | 402092   | 400112   | 0.57     | cps   |
| Selenium   | 77-2  | 0        | 7        | 7        | 4        | 86.60    | cps   |
| Selenium   | 78-2  | 102      | 102      | 113      | 106      | 6.08     | cps   |
| Selenium   | 82-1  | -76      | 27       | 39       | -3       | -2020.27 | cps   |
| Silicon    | 28-1  | 541138   | 541694   | 540067   | 540966   | 0.15     | cps   |
| Silver     | 109-1 | 92       | 83       | 50       | 75       | 29.40    | cps   |
| Silver     | 107-1 | 83       | 125      | 67       | 92       | 32.78    | cps   |
| Sodium     | 23-2  | 38709    | 38325    | 38308    | 38447    | 0.59     | cps   |
| Strontium  | 86-1  | 1725     | 1467     | 1742     | 1645     | 9.38     | cps   |
| Strontium  | 88-1  | 1358     | 1458     | 1358     | 1392     | 4.15     | cps   |
| Sulfur     | 34-1  | 425078   | 428223   | 425992   | 426431   | 0.38     | cps   |
| Terbium    | 159-1 | 16341145 | 16347000 | 16482612 | 16390253 | 0.49     | cps   |
| Terbium    | 159-2 | 8444436  | 8493300  | 8539024  | 8492253  | 0.56     | cps   |
| Thallium   | 203-1 | 158      | 225      | 117      | 167      | 32.79    | cps   |
| Thallium   | 205-1 | 575      | 475      | 533      | 528      | 9.52     | cps   |
| Tin        | 118-1 | 1325     | 1275     | 1292     | 1297     | 1.96     | cps   |
| Titanium   | 47-1  | 142      | 242      | 150      | 178      | 31.21    | cps   |
| Uranium    | 238-1 | 67       | 42       | 75       | 61       | 28.38    | cps   |
| Vanadium   | 51-2  | 20       | 17       | 7        | 14       | 48.02    | cps   |
| Yttrium    | 89-1  | 12493811 | 12412849 | 12486120 | 12464260 | 0.36     | cps   |
| Yttrium    | 89-2  | 2014179  | 2026600  | 2022257  | 2021012  | 0.31     | cps   |
| Zinc       | 66-2  | 120      | 113      | 90       | 108      | 14.62    | cps   |
| Zirconium  | 90-1  | 600      | 783      | 550      | 644      | 19.06    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB75               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB75               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:43:41 | DataFile Name :   | 137SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 200  | 83   | 139     | 42.14  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-05-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:47:08  | DataFile Name :   | 138SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 7435     | 7410     | 7552     | 7466     | 1.01   | cps   |
| Antimony   | 121-1 | 2367     | 2159     | 2392     | 2306     | 5.56   | cps   |
| Arsenic    | 75-2  | 176      | 174      | 183      | 178      | 2.76   | cps   |
| Barium     | 135-1 | 65648    | 65923    | 66150    | 65907    | 0.38   | cps   |
| Barium     | 137-1 | 116015   | 114653   | 115049   | 115239   | 0.61   | cps   |
| Beryllium  | 9-1   | 28       | 17       | 17       | 20       | 31.48  | cps   |
| Bismuth    | 209-1 | 11030257 | 11042904 | 11168759 | 11080640 | 0.69   | cps   |
| Bismuth    | 209-2 | 6918492  | 7034678  | 7076261  | 7009810  | 1.17   | cps   |
| Boron      | 10-1  | 1475     | 1508     | 1467     | 1483     | 1.49   | cps   |
| Boron      | 11-1  | 7536     | 7527     | 7302     | 7455     | 1.78   | cps   |
| Cadmium    | 111-1 | 2468     | 2128     | 2226     | 2274     | 7.69   | cps   |
| Cadmium    | 106-1 | 3492     | 3034     | 3150     | 3226     | 7.39   | cps   |
| Cadmium    | 108-1 | 8        | 29       | 0        | 13       | 120.20 | cps   |
| Calcium    | 43-1  | 266750   | 268646   | 261889   | 265762   | 1.31   | cps   |
| Calcium    | 44-1  | 4450147  | 4390384  | 4380268  | 4406933  | 0.86   | cps   |
| Chromium   | 52-2  | 1907     | 1793     | 1777     | 1826     | 3.87   | cps   |
| Cobalt     | 59-2  | 430      | 373      | 417      | 407      | 7.29   | cps   |
| Copper     | 63-2  | 1033514  | 1041366  | 1028846  | 1034575  | 0.61   | cps   |
| Dysprosium | 156-1 | 50       | 92       | 92       | 78       | 30.93  | cps   |
| Dysprosium | 156-2 | 50       | 33       | 33       | 39       | 24.75  | cps   |
| Erbium     | 164-1 | 133      | 100      | 117      | 117      | 14.29  | cps   |
| Erbium     | 164-2 | 53       | 47       | 40       | 47       | 14.28  | cps   |
| Gadolinium | 160-1 | 183      | 183      | 125      | 164      | 20.55  | cps   |
| Gadolinium | 160-2 | 177      | 203      | 177      | 186      | 8.30   | cps   |
| Holmium    | 165-1 | 17093223 | 17012023 | 17031430 | 17045558 | 0.25   | cps   |
| Holmium    | 165-2 | 8924805  | 8999245  | 8987289  | 8970447  | 0.45   | cps   |
| Indium     | 115-1 | 12893818 | 12988689 | 12851886 | 12911464 | 0.54   | cps   |
| Indium     | 115-2 | 2748606  | 2748537  | 2748212  | 2748452  | 0.01   | cps   |
| Iron       | 56-2  | 108243   | 113412   | 116772   | 112809   | 3.81   | cps   |
| Iron       | 57-2  | 3578     | 3445     | 3534     | 3519     | 1.93   | cps   |
| Lead       | 206-1 | 3628     | 3378     | 3362     | 3456     | 4.32   | cps   |
| Lead       | 207-1 | 2973     | 2945     | 3089     | 3002     | 2.55   | cps   |
| Lead       | 208-1 | 13403    | 13525    | 13775    | 13568    | 1.40   | cps   |
| Lithium    | 6-1   | 1776613  | 1770735  | 1760352  | 1769234  | 0.47   | cps   |
| Magnesium  | 24-2  | 515955   | 515316   | 519884   | 517052   | 0.48   | cps   |
| Manganese  | 55-2  | 34972    | 35222    | 35363    | 35186    | 0.56   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-05-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:47:08  | DataFile Name :   | 138SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 658      | 567      | 650      | 625      | 8.11   | cps   |
| Molybdenum | 95-1  | 300      | 300      | 200      | 267      | 21.65  | cps   |
| Molybdenum | 96-1  | 417      | 375      | 400      | 397      | 5.28   | cps   |
| Molybdenum | 97-1  | 258      | 217      | 317      | 264      | 19.03  | cps   |
| Molybdenum | 98-1  | 533      | 542      | 542      | 539      | 0.89   | cps   |
| Neodymium  | 150-1 | 40       | 67       | 67       | 58       | 26.65  | cps   |
| Neodymium  | 150-2 | 27       | 33       | 23       | 28       | 18.33  | cps   |
| Nickel     | 60-2  | 2300     | 2314     | 2240     | 2285     | 1.71   | cps   |
| Phosphorus | 31-2  | 6785     | 7160     | 6727     | 6891     | 3.41   | cps   |
| Potassium  | 39-2  | 264078   | 264392   | 262658   | 263709   | 0.35   | cps   |
| Rhodium    | 103-1 | 12227754 | 12175007 | 12203639 | 12202133 | 0.22   | cps   |
| Rhodium    | 103-2 | 5964061  | 6090580  | 6098044  | 6050895  | 1.24   | cps   |
| Scandium   | 45-1  | 8029178  | 7909947  | 8083673  | 8007599  | 1.11   | cps   |
| Scandium   | 45-2  | 426111   | 426036   | 421768   | 424638   | 0.59   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 83       | 107      | 137      | 109      | 24.62  | cps   |
| Selenium   | 82-1  | 124      | 152      | 58       | 111      | 43.46  | cps   |
| Silicon    | 28-1  | 9227023  | 8985610  | 9177532  | 9130055  | 1.40   | cps   |
| Silver     | 109-1 | 100      | 75       | 133      | 103      | 28.48  | cps   |
| Silver     | 107-1 | 142      | 100      | 75       | 106      | 31.91  | cps   |
| Sodium     | 23-2  | 8683972  | 8706081  | 8706089  | 8698714  | 0.15   | cps   |
| Strontium  | 86-1  | 94670    | 94921    | 94604    | 94732    | 0.18   | cps   |
| Strontium  | 88-1  | 826000   | 821305   | 811738   | 819681   | 0.89   | cps   |
| Sulfur     | 34-1  | 522537   | 523223   | 518454   | 521405   | 0.49   | cps   |
| Terbium    | 159-1 | 17381579 | 17425777 | 17479245 | 17428867 | 0.28   | cps   |
| Terbium    | 159-2 | 8990718  | 8945223  | 9032412  | 8989451  | 0.49   | cps   |
| Thallium   | 203-1 | 167      | 250      | 358      | 258      | 37.20  | cps   |
| Thallium   | 205-1 | 717      | 742      | 650      | 703      | 6.74   | cps   |
| Tin        | 118-1 | 1400     | 1425     | 1350     | 1392     | 2.74   | cps   |
| Titanium   | 47-1  | 917      | 1008     | 983      | 970      | 4.89   | cps   |
| Uranium    | 238-1 | 658      | 900      | 783      | 781      | 15.48  | cps   |
| Vanadium   | 51-2  | 303      | 293      | 240      | 279      | 12.21  | cps   |
| Yttrium    | 89-1  | 13344131 | 13412434 | 13183540 | 13313368 | 0.88   | cps   |
| Yttrium    | 89-2  | 2114439  | 2141542  | 2146541  | 2134174  | 0.81   | cps   |
| Zinc       | 66-2  | 48276    | 47949    | 47547    | 47924    | 0.76   | cps   |
| Zirconium  | 90-1  | 1492     | 1325     | 1283     | 1367     | 8.07   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-05-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:47:08  | DataFile Name :   | 138SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 292  | 325  | 281     | 18.15  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-06-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:50:32  | DataFile Name :   | 139SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 19155    | 19163    | 18429    | 18916    | 2.23   | cps   |
| Antimony   | 121-1 | 783      | 900      | 975      | 886      | 10.90  | cps   |
| Arsenic    | 75-2  | 178      | 169      | 183      | 177      | 4.24   | cps   |
| Barium     | 135-1 | 71684    | 70002    | 70530    | 70739    | 1.22   | cps   |
| Barium     | 137-1 | 126035   | 124262   | 122250   | 124182   | 1.52   | cps   |
| Beryllium  | 9-1   | 50       | 28       | 17       | 31       | 53.90  | cps   |
| Bismuth    | 209-1 | 11440928 | 10647073 | 11356159 | 11148053 | 3.91   | cps   |
| Bismuth    | 209-2 | 7060626  | 7120286  | 7132851  | 7104588  | 0.54   | cps   |
| Boron      | 10-1  | 1767     | 1909     | 1942     | 1872     | 4.96   | cps   |
| Boron      | 11-1  | 9036     | 9195     | 9462     | 9231     | 2.33   | cps   |
| Cadmium    | 111-1 | 2292     | 2160     | 2235     | 2229     | 2.96   | cps   |
| Cadmium    | 106-1 | 3267     | 3075     | 3159     | 3167     | 3.04   | cps   |
| Cadmium    | 108-1 | 17       | 25       | 8        | 17       | 50.01  | cps   |
| Calcium    | 43-1  | 263190   | 260471   | 258882   | 260848   | 0.84   | cps   |
| Calcium    | 44-1  | 4297868  | 4284717  | 4283038  | 4288541  | 0.19   | cps   |
| Chromium   | 52-2  | 1857     | 1857     | 1833     | 1849     | 0.73   | cps   |
| Cobalt     | 59-2  | 833      | 710      | 757      | 767      | 8.12   | cps   |
| Copper     | 63-2  | 396342   | 392444   | 392489   | 393758   | 0.57   | cps   |
| Dysprosium | 156-1 | 108      | 67       | 83       | 86       | 24.35  | cps   |
| Dysprosium | 156-2 | 40       | 50       | 23       | 38       | 35.67  | cps   |
| Erbium     | 164-1 | 142      | 183      | 117      | 147      | 22.88  | cps   |
| Erbium     | 164-2 | 43       | 83       | 47       | 58       | 38.42  | cps   |
| Gadolinium | 160-1 | 167      | 192      | 208      | 189      | 11.10  | cps   |
| Gadolinium | 160-2 | 193      | 130      | 193      | 172      | 21.23  | cps   |
| Holmium    | 165-1 | 17310659 | 16294409 | 17274391 | 16959819 | 3.40   | cps   |
| Holmium    | 165-2 | 9081553  | 9048025  | 9077639  | 9069073  | 0.20   | cps   |
| Indium     | 115-1 | 13236149 | 12459951 | 13280650 | 12992250 | 3.55   | cps   |
| Indium     | 115-2 | 2766695  | 2754824  | 2776653  | 2766057  | 0.40   | cps   |
| Iron       | 56-2  | 135933   | 135179   | 135378   | 135497   | 0.29   | cps   |
| Iron       | 57-2  | 3778     | 4356     | 4384     | 4173     | 8.20   | cps   |
| Lead       | 206-1 | 2317     | 2556     | 2628     | 2500     | 6.51   | cps   |
| Lead       | 207-1 | 2045     | 2139     | 2045     | 2076     | 2.63   | cps   |
| Lead       | 208-1 | 9635     | 9868     | 9724     | 9742     | 1.21   | cps   |
| Lithium    | 6-1   | 1815633  | 1701432  | 1798597  | 1771888  | 3.48   | cps   |
| Magnesium  | 24-2  | 509044   | 509549   | 507993   | 508862   | 0.16   | cps   |
| Manganese  | 55-2  | 36856    | 36419    | 37020    | 36765    | 0.85   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-06-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:50:32  | DataFile Name :   | 139SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 625      | 683      | 567      | 625      | 9.33   | cps   |
| Molybdenum | 95-1  | 333      | 283      | 425      | 347      | 20.69  | cps   |
| Molybdenum | 96-1  | 392      | 467      | 442      | 433      | 8.81   | cps   |
| Molybdenum | 97-1  | 258      | 333      | 283      | 292      | 13.09  | cps   |
| Molybdenum | 98-1  | 592      | 542      | 600      | 578      | 5.46   | cps   |
| Neodymium  | 150-1 | 93       | 93       | 100      | 96       | 4.02   | cps   |
| Neodymium  | 150-2 | 10       | 30       | 27       | 22       | 48.22  | cps   |
| Nickel     | 60-2  | 903      | 897      | 883      | 894      | 1.14   | cps   |
| Phosphorus | 31-2  | 6585     | 7010     | 6927     | 6841     | 3.29   | cps   |
| Potassium  | 39-2  | 263610   | 261779   | 264889   | 263426   | 0.59   | cps   |
| Rhodium    | 103-1 | 12558044 | 11821862 | 12337858 | 12239255 | 3.09   | cps   |
| Rhodium    | 103-2 | 6256139  | 6226474  | 6237818  | 6240144  | 0.24   | cps   |
| Scandium   | 45-1  | 8229353  | 7716932  | 8148459  | 8031581  | 3.43   | cps   |
| Scandium   | 45-2  | 430440   | 428862   | 428769   | 429357   | 0.22   | cps   |
| Selenium   | 77-2  | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Selenium   | 78-2  | 80       | 104      | 98       | 94       | 13.44  | cps   |
| Selenium   | 82-1  | 78       | 112      | 80       | 90       | 21.09  | cps   |
| Silicon    | 28-1  | 9337861  | 9173061  | 9208273  | 9239731  | 0.94   | cps   |
| Silver     | 109-1 | 108      | 58       | 92       | 86       | 29.56  | cps   |
| Silver     | 107-1 | 100      | 158      | 158      | 139      | 24.25  | cps   |
| Sodium     | 23-2  | 8795174  | 8711463  | 8604723  | 8703787  | 1.10   | cps   |
| Strontium  | 86-1  | 96800    | 95869    | 96331    | 96333    | 0.48   | cps   |
| Strontium  | 88-1  | 838310   | 827165   | 829040   | 831505   | 0.72   | cps   |
| Sulfur     | 34-1  | 535873   | 533295   | 534671   | 534613   | 0.24   | cps   |
| Terbium    | 159-1 | 17759296 | 16541968 | 17660602 | 17320622 | 3.90   | cps   |
| Terbium    | 159-2 | 9124374  | 9055672  | 9069165  | 9083070  | 0.40   | cps   |
| Thallium   | 203-1 | 317      | 267      | 350      | 311      | 13.48  | cps   |
| Thallium   | 205-1 | 850      | 833      | 858      | 847      | 1.50   | cps   |
| Tin        | 118-1 | 1525     | 2059     | 1784     | 1789     | 14.91  | cps   |
| Titanium   | 47-1  | 1000     | 892      | 1042     | 978      | 7.92   | cps   |
| Uranium    | 238-1 | 825      | 767      | 725      | 772      | 6.51   | cps   |
| Vanadium   | 51-2  | 337      | 320      | 347      | 334      | 4.03   | cps   |
| Yttrium    | 89-1  | 13652781 | 12556735 | 13568400 | 13259305 | 4.60   | cps   |
| Yttrium    | 89-2  | 2164097  | 2164364  | 2153611  | 2160690  | 0.28   | cps   |
| Zinc       | 66-2  | 8122     | 8126     | 7866     | 8038     | 1.86   | cps   |
| Zirconium  | 90-1  | 1325     | 1400     | 1458     | 1395     | 4.79   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-06-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:50:32  | DataFile Name :   | 139SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 400  | 392  | 336     | 30.80  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-07 Instrumnet Name : P7  
 Client Sample ID : DC32515-07-FL2-BRC-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 23:53:57 DataFile Name : 140SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 6101     | 6527     | 6318     | 6316     | 3.37   | cps   |
| Antimony   | 121-1 | 2375     | 2442     | 2242     | 2353     | 4.33   | cps   |
| Arsenic    | 75-2  | 159      | 211      | 148      | 173      | 19.44  | cps   |
| Barium     | 135-1 | 66551    | 65748    | 65288    | 65862    | 0.97   | cps   |
| Barium     | 137-1 | 112948   | 111973   | 111168   | 112030   | 0.80   | cps   |
| Beryllium  | 9-1   | 28       | 33       | 28       | 30       | 10.81  | cps   |
| Bismuth    | 209-1 | 11596793 | 11562864 | 11350431 | 11503362 | 1.16   | cps   |
| Bismuth    | 209-2 | 7088830  | 7125409  | 7375574  | 7196605  | 2.17   | cps   |
| Boron      | 10-1  | 1517     | 1667     | 1442     | 1542     | 7.43   | cps   |
| Boron      | 11-1  | 7852     | 8419     | 8595     | 8289     | 4.68   | cps   |
| Cadmium    | 111-1 | 2510     | 2580     | 2398     | 2496     | 3.67   | cps   |
| Cadmium    | 106-1 | 3609     | 3701     | 3426     | 3578     | 3.91   | cps   |
| Cadmium    | 108-1 | 42       | 33       | 42       | 39       | 12.38  | cps   |
| Calcium    | 43-1  | 270006   | 270473   | 272044   | 270841   | 0.39   | cps   |
| Calcium    | 44-1  | 4486105  | 4498929  | 4454897  | 4479977  | 0.51   | cps   |
| Chromium   | 52-2  | 2404     | 2250     | 2314     | 2322     | 3.32   | cps   |
| Cobalt     | 59-2  | 330      | 333      | 320      | 328      | 2.12   | cps   |
| Copper     | 63-2  | 790567   | 782560   | 786113   | 786414   | 0.51   | cps   |
| Dysprosium | 156-1 | 75       | 75       | 83       | 78       | 6.19   | cps   |
| Dysprosium | 156-2 | 10       | 43       | 33       | 29       | 59.21  | cps   |
| Erbium     | 164-1 | 125      | 58       | 125      | 103      | 37.45  | cps   |
| Erbium     | 164-2 | 60       | 43       | 43       | 49       | 19.69  | cps   |
| Gadolinium | 160-1 | 150      | 108      | 167      | 142      | 21.21  | cps   |
| Gadolinium | 160-2 | 153      | 160      | 130      | 148      | 10.66  | cps   |
| Holmium    | 165-1 | 17751255 | 17664533 | 17221904 | 17545897 | 1.62   | cps   |
| Holmium    | 165-2 | 9081600  | 9148208  | 9114861  | 9114890  | 0.37   | cps   |
| Indium     | 115-1 | 13355727 | 13399669 | 13125943 | 13293780 | 1.11   | cps   |
| Indium     | 115-2 | 2761445  | 2786467  | 2815990  | 2787967  | 0.98   | cps   |
| Iron       | 56-2  | 95671    | 95221    | 95615    | 95502    | 0.26   | cps   |
| Iron       | 57-2  | 3200     | 3089     | 3039     | 3110     | 2.65   | cps   |
| Lead       | 206-1 | 6546     | 6630     | 6774     | 6650     | 1.73   | cps   |
| Lead       | 207-1 | 5435     | 5629     | 5268     | 5444     | 3.32   | cps   |
| Lead       | 208-1 | 24832    | 24982    | 25043    | 24952    | 0.44   | cps   |
| Lithium    | 6-1   | 1865062  | 1850647  | 1822582  | 1846097  | 1.17   | cps   |
| Magnesium  | 24-2  | 530673   | 525265   | 528865   | 528268   | 0.52   | cps   |
| Manganese  | 55-2  | 31517    | 31076    | 31354    | 31316    | 0.71   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-07-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:53:57  | DataFile Name :   | 140SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 675      | 617      | 725      | 672      | 8.07   | cps   |
| Molybdenum | 95-1  | 275      | 517      | 350      | 381      | 32.51  | cps   |
| Molybdenum | 96-1  | 533      | 467      | 483      | 494      | 7.02   | cps   |
| Molybdenum | 97-1  | 292      | 292      | 308      | 297      | 3.24   | cps   |
| Molybdenum | 98-1  | 508      | 517      | 658      | 561      | 15.02  | cps   |
| Neodymium  | 150-1 | 47       | 87       | 53       | 62       | 34.44  | cps   |
| Neodymium  | 150-2 | 20       | 10       | 27       | 19       | 44.42  | cps   |
| Nickel     | 60-2  | 2454     | 2484     | 2554     | 2497     | 2.06   | cps   |
| Phosphorus | 31-2  | 6627     | 6627     | 6543     | 6599     | 0.73   | cps   |
| Potassium  | 39-2  | 264890   | 265254   | 267140   | 265761   | 0.45   | cps   |
| Rhodium    | 103-1 | 12705161 | 12562655 | 12402494 | 12556770 | 1.21   | cps   |
| Rhodium    | 103-2 | 6232102  | 6301966  | 6350801  | 6294956  | 0.95   | cps   |
| Scandium   | 45-1  | 8346918  | 8373309  | 8116449  | 8278892  | 1.71   | cps   |
| Scandium   | 45-2  | 429192   | 433475   | 438239   | 433635   | 1.04   | cps   |
| Selenium   | 77-2  | 10       | 0        | 3        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 104      | 98       | 111      | 104      | 6.23   | cps   |
| Selenium   | 82-1  | 57       | 51       | 65       | 58       | 12.84  | cps   |
| Silicon    | 28-1  | 9410978  | 9428262  | 9413658  | 9417633  | 0.10   | cps   |
| Silver     | 109-1 | 58       | 33       | 42       | 44       | 28.65  | cps   |
| Silver     | 107-1 | 200      | 142      | 125      | 156      | 25.32  | cps   |
| Sodium     | 23-2  | 8930112  | 8923744  | 8861598  | 8905152  | 0.43   | cps   |
| Strontium  | 86-1  | 98185    | 96700    | 97681    | 97522    | 0.77   | cps   |
| Strontium  | 88-1  | 840099   | 838002   | 831844   | 836649   | 0.51   | cps   |
| Sulfur     | 34-1  | 533429   | 537215   | 535373   | 535339   | 0.35   | cps   |
| Terbium    | 159-1 | 18001290 | 17997302 | 17715771 | 17904787 | 0.91   | cps   |
| Terbium    | 159-2 | 9102171  | 9182244  | 9199469  | 9161295  | 0.57   | cps   |
| Thallium   | 203-1 | 300      | 317      | 358      | 325      | 9.24   | cps   |
| Thallium   | 205-1 | 833      | 917      | 792      | 847      | 7.51   | cps   |
| Tin        | 118-1 | 1192     | 1200     | 1075     | 1156     | 6.05   | cps   |
| Titanium   | 47-1  | 850      | 900      | 933      | 895      | 4.69   | cps   |
| Uranium    | 238-1 | 733      | 767      | 658      | 720      | 7.71   | cps   |
| Vanadium   | 51-2  | 307      | 290      | 273      | 290      | 5.75   | cps   |
| Yttrium    | 89-1  | 13705084 | 13755769 | 13439036 | 13633296 | 1.25   | cps   |
| Yttrium    | 89-2  | 2160404  | 2166633  | 2196657  | 2174565  | 0.89   | cps   |
| Zinc       | 66-2  | 225937   | 223968   | 227206   | 225703   | 0.72   | cps   |
| Zirconium  | 90-1  | 1417     | 1217     | 1117     | 1250     | 12.22  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-07-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:53:57  | DataFile Name :   | 140SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 250  | 242  | 236     | 7.35   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-08 Instrumnet Name : P7  
 Client Sample ID : DC32515-08-FL2-BRC-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-08 23:57:21 DataFile Name : 141SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1592     | 1750     | 1558     | 1633     | 6.27   | cps   |
| Antimony   | 121-1 | 1300     | 1375     | 1108     | 1261     | 10.91  | cps   |
| Arsenic    | 75-2  | 198      | 165      | 185      | 183      | 9.20   | cps   |
| Barium     | 135-1 | 71517    | 72959    | 73109    | 72529    | 1.21   | cps   |
| Barium     | 137-1 | 126547   | 126531   | 126774   | 126617   | 0.11   | cps   |
| Beryllium  | 9-1   | 28       | 22       | 22       | 24       | 13.33  | cps   |
| Bismuth    | 209-1 | 11581954 | 11658291 | 11507225 | 11582490 | 0.65   | cps   |
| Bismuth    | 209-2 | 7151860  | 7061892  | 7052610  | 7088787  | 0.77   | cps   |
| Boron      | 10-1  | 1558     | 1567     | 1600     | 1575     | 1.40   | cps   |
| Boron      | 11-1  | 7994     | 7586     | 7852     | 7811     | 2.66   | cps   |
| Cadmium    | 111-1 | 2629     | 2438     | 2115     | 2394     | 10.85  | cps   |
| Cadmium    | 106-1 | 3709     | 3492     | 3000     | 3401     | 10.68  | cps   |
| Cadmium    | 108-1 | 13       | 21       | 8        | 14       | 45.83  | cps   |
| Calcium    | 43-1  | 269047   | 265551   | 268770   | 267790   | 0.73   | cps   |
| Calcium    | 44-1  | 4431325  | 4401831  | 4389425  | 4407527  | 0.49   | cps   |
| Chromium   | 52-2  | 2174     | 2194     | 2074     | 2147     | 3.00   | cps   |
| Cobalt     | 59-2  | 237      | 207      | 200      | 214      | 9.11   | cps   |
| Copper     | 63-2  | 879114   | 881881   | 881988   | 880995   | 0.18   | cps   |
| Dysprosium | 156-1 | 67       | 58       | 117      | 81       | 39.16  | cps   |
| Dysprosium | 156-2 | 50       | 30       | 40       | 40       | 25.00  | cps   |
| Erbium     | 164-1 | 150      | 133      | 100      | 128      | 19.92  | cps   |
| Erbium     | 164-2 | 70       | 63       | 47       | 60       | 20.03  | cps   |
| Gadolinium | 160-1 | 192      | 183      | 183      | 186      | 2.59   | cps   |
| Gadolinium | 160-2 | 180      | 147      | 160      | 162      | 10.34  | cps   |
| Holmium    | 165-1 | 17534436 | 17503423 | 17571422 | 17536427 | 0.19   | cps   |
| Holmium    | 165-2 | 9207404  | 9215814  | 9158694  | 9193971  | 0.34   | cps   |
| Indium     | 115-1 | 13260236 | 13537778 | 13370745 | 13389586 | 1.04   | cps   |
| Indium     | 115-2 | 2765520  | 2764438  | 2770160  | 2766706  | 0.11   | cps   |
| Iron       | 56-2  | 112381   | 113121   | 112096   | 112533   | 0.47   | cps   |
| Iron       | 57-2  | 3584     | 3795     | 3656     | 3678     | 2.92   | cps   |
| Lead       | 206-1 | 2295     | 2267     | 2228     | 2263     | 1.48   | cps   |
| Lead       | 207-1 | 1845     | 1922     | 1995     | 1921     | 3.91   | cps   |
| Lead       | 208-1 | 8935     | 8807     | 8857     | 8866     | 0.73   | cps   |
| Lithium    | 6-1   | 1881700  | 1873022  | 1842325  | 1865682  | 1.11   | cps   |
| Magnesium  | 24-2  | 513820   | 520573   | 519986   | 518127   | 0.72   | cps   |
| Manganese  | 55-2  | 37110    | 36592    | 36663    | 36788    | 0.76   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-08-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:57:21  | DataFile Name :   | 141SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 625      | 683      | 667      | 658      | 4.56   | cps   |
| Molybdenum | 95-1  | 308      | 292      | 192      | 264      | 23.91  | cps   |
| Molybdenum | 96-1  | 400      | 433      | 417      | 417      | 4.00   | cps   |
| Molybdenum | 97-1  | 317      | 142      | 225      | 228      | 38.43  | cps   |
| Molybdenum | 98-1  | 525      | 492      | 475      | 497      | 5.12   | cps   |
| Neodymium  | 150-1 | 87       | 67       | 40       | 64       | 36.33  | cps   |
| Neodymium  | 150-2 | 47       | 37       | 13       | 32       | 53.10  | cps   |
| Nickel     | 60-2  | 667      | 637      | 637      | 647      | 2.68   | cps   |
| Phosphorus | 31-2  | 7060     | 7085     | 6860     | 7002     | 1.76   | cps   |
| Potassium  | 39-2  | 264288   | 262801   | 265966   | 264352   | 0.60   | cps   |
| Rhodium    | 103-1 | 12639296 | 12595950 | 12596822 | 12610689 | 0.20   | cps   |
| Rhodium    | 103-2 | 6235918  | 6292877  | 6281462  | 6270086  | 0.48   | cps   |
| Scandium   | 45-1  | 8413626  | 8277470  | 8308057  | 8333051  | 0.86   | cps   |
| Scandium   | 45-2  | 433688   | 428261   | 427370   | 429773   | 0.80   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 104      | 87       | 131      | 107      | 20.90  | cps   |
| Selenium   | 82-1  | 61       | 130      | -82      | 36       | 299.04 | cps   |
| Silicon    | 28-1  | 9309763  | 9283690  | 9187591  | 9260348  | 0.69   | cps   |
| Silver     | 109-1 | 183      | 125      | 150      | 153      | 19.15  | cps   |
| Silver     | 107-1 | 142      | 283      | 142      | 189      | 43.30  | cps   |
| Sodium     | 23-2  | 8795255  | 8816444  | 8769693  | 8793797  | 0.27   | cps   |
| Strontium  | 86-1  | 96046    | 95852    | 96205    | 96034    | 0.18   | cps   |
| Strontium  | 88-1  | 850270   | 842235   | 834026   | 842177   | 0.96   | cps   |
| Sulfur     | 34-1  | 540483   | 543812   | 542290   | 542195   | 0.31   | cps   |
| Terbium    | 159-1 | 18102557 | 18173279 | 17840292 | 18038709 | 0.97   | cps   |
| Terbium    | 159-2 | 9134444  | 9115817  | 9150583  | 9133615  | 0.19   | cps   |
| Thallium   | 203-1 | 225      | 292      | 433      | 317      | 33.60  | cps   |
| Thallium   | 205-1 | 758      | 917      | 675      | 783      | 15.67  | cps   |
| Tin        | 118-1 | 783      | 742      | 683      | 736      | 6.82   | cps   |
| Titanium   | 47-1  | 875      | 892      | 992      | 920      | 6.86   | cps   |
| Uranium    | 238-1 | 700      | 700      | 692      | 697      | 0.69   | cps   |
| Vanadium   | 51-2  | 237      | 323      | 333      | 298      | 17.85  | cps   |
| Yttrium    | 89-1  | 13830284 | 13703957 | 13571163 | 13701801 | 0.95   | cps   |
| Yttrium    | 89-2  | 2164185  | 2170382  | 2162116  | 2165561  | 0.20   | cps   |
| Zinc       | 66-2  | 6978     | 7465     | 7152     | 7199     | 3.43   | cps   |
| Zirconium  | 90-1  | 1450     | 1242     | 1283     | 1325     | 8.32   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-08-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-08 23:57:21  | DataFile Name :   | 141SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 308  | 333  | 292     | 17.84  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-09-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:00:45  | DataFile Name :   | 142SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 7569     | 7694     | 7644     | 7636     | 0.83   | cps   |
| Antimony   | 121-1 | 6568     | 6235     | 6077     | 6293     | 3.99   | cps   |
| Arsenic    | 75-2  | 189      | 159      | 215      | 188      | 14.81  | cps   |
| Barium     | 135-1 | 63873    | 63035    | 64300    | 63736    | 1.01   | cps   |
| Barium     | 137-1 | 111235   | 109209   | 109951   | 110132   | 0.93   | cps   |
| Beryllium  | 9-1   | 39       | 22       | 17       | 26       | 44.60  | cps   |
| Bismuth    | 209-1 | 11504105 | 11668128 | 11576964 | 11583066 | 0.71   | cps   |
| Bismuth    | 209-2 | 7153209  | 7081054  | 7053394  | 7095886  | 0.73   | cps   |
| Boron      | 10-1  | 1308     | 1592     | 1700     | 1533     | 13.19  | cps   |
| Boron      | 11-1  | 8002     | 7977     | 7952     | 7977     | 0.31   | cps   |
| Cadmium    | 111-1 | 2412     | 2367     | 2447     | 2409     | 1.67   | cps   |
| Cadmium    | 106-1 | 3442     | 3392     | 3467     | 3434     | 1.11   | cps   |
| Cadmium    | 108-1 | 38       | 29       | 38       | 35       | 13.85  | cps   |
| Calcium    | 43-1  | 287687   | 285028   | 286389   | 286368   | 0.46   | cps   |
| Calcium    | 44-1  | 4725663  | 4699545  | 4682729  | 4702645  | 0.46   | cps   |
| Chromium   | 52-2  | 1723     | 1927     | 1750     | 1800     | 6.14   | cps   |
| Cobalt     | 59-2  | 370      | 400      | 407      | 392      | 4.98   | cps   |
| Copper     | 63-2  | 829531   | 833874   | 835128   | 832844   | 0.35   | cps   |
| Dysprosium | 156-1 | 125      | 75       | 42       | 81       | 52.07  | cps   |
| Dysprosium | 156-2 | 40       | 50       | 50       | 47       | 12.37  | cps   |
| Erbium     | 164-1 | 117      | 108      | 108      | 111      | 4.33   | cps   |
| Erbium     | 164-2 | 57       | 73       | 63       | 64       | 13.02  | cps   |
| Gadolinium | 160-1 | 183      | 158      | 283      | 208      | 31.75  | cps   |
| Gadolinium | 160-2 | 167      | 160      | 150      | 159      | 5.28   | cps   |
| Holmium    | 165-1 | 17390535 | 17382340 | 17412613 | 17395163 | 0.09   | cps   |
| Holmium    | 165-2 | 9093174  | 9161000  | 9027828  | 9094001  | 0.73   | cps   |
| Indium     | 115-1 | 13500935 | 13417470 | 13309855 | 13409420 | 0.71   | cps   |
| Indium     | 115-2 | 2744749  | 2782616  | 2786416  | 2771260  | 0.83   | cps   |
| Iron       | 56-2  | 108650   | 108381   | 108819   | 108616   | 0.20   | cps   |
| Iron       | 57-2  | 3545     | 3356     | 3256     | 3386     | 4.33   | cps   |
| Lead       | 206-1 | 4267     | 4390     | 4067     | 4242     | 3.84   | cps   |
| Lead       | 207-1 | 3595     | 3717     | 3645     | 3652     | 1.68   | cps   |
| Lead       | 208-1 | 16782    | 16960    | 17161    | 16968    | 1.11   | cps   |
| Lithium    | 6-1   | 1862273  | 1860643  | 1854389  | 1859102  | 0.22   | cps   |
| Magnesium  | 24-2  | 518669   | 520441   | 518705   | 519272   | 0.20   | cps   |
| Manganese  | 55-2  | 34080    | 34644    | 34364    | 34362    | 0.82   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-09-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:00:45  | DataFile Name :   | 142SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 475      | 725      | 817      | 672      | 26.31  | cps   |
| Molybdenum | 95-1  | 325      | 325      | 292      | 314      | 6.13   | cps   |
| Molybdenum | 96-1  | 283      | 317      | 367      | 322      | 13.02  | cps   |
| Molybdenum | 97-1  | 258      | 308      | 192      | 253      | 23.15  | cps   |
| Molybdenum | 98-1  | 492      | 442      | 408      | 447      | 9.38   | cps   |
| Neodymium  | 150-1 | 87       | 73       | 80       | 80       | 8.33   | cps   |
| Neodymium  | 150-2 | 33       | 17       | 17       | 22       | 43.28  | cps   |
| Nickel     | 60-2  | 2114     | 2200     | 2184     | 2166     | 2.12   | cps   |
| Phosphorus | 31-2  | 5835     | 6627     | 6076     | 6179     | 6.57   | cps   |
| Potassium  | 39-2  | 260185   | 263067   | 264400   | 262551   | 0.82   | cps   |
| Rhodium    | 103-1 | 12715317 | 12553076 | 12599321 | 12622572 | 0.66   | cps   |
| Rhodium    | 103-2 | 6168155  | 6228279  | 6216604  | 6204346  | 0.51   | cps   |
| Scandium   | 45-1  | 8333981  | 8360663  | 8396726  | 8363790  | 0.38   | cps   |
| Scandium   | 45-2  | 429221   | 427754   | 433923   | 430299   | 0.75   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 109      | 81       | 85       | 92       | 16.40  | cps   |
| Selenium   | 82-1  | 60       | 145      | 139      | 115      | 41.56  | cps   |
| Silicon    | 28-1  | 9408849  | 9367313  | 9328354  | 9368172  | 0.43   | cps   |
| Silver     | 109-1 | 100      | 100      | 142      | 114      | 21.12  | cps   |
| Silver     | 107-1 | 158      | 208      | 142      | 169      | 20.48  | cps   |
| Sodium     | 23-2  | 8778484  | 8727719  | 8796860  | 8767688  | 0.41   | cps   |
| Strontium  | 86-1  | 94586    | 94863    | 94116    | 94522    | 0.40   | cps   |
| Strontium  | 88-1  | 820065   | 820506   | 822666   | 821079   | 0.17   | cps   |
| Sulfur     | 34-1  | 543492   | 545301   | 541987   | 543593   | 0.31   | cps   |
| Terbium    | 159-1 | 17999036 | 17897272 | 17856221 | 17917510 | 0.41   | cps   |
| Terbium    | 159-2 | 9049703  | 9046287  | 9067816  | 9054602  | 0.13   | cps   |
| Thallium   | 203-1 | 450      | 425      | 375      | 417      | 9.17   | cps   |
| Thallium   | 205-1 | 900      | 967      | 1025     | 964      | 6.49   | cps   |
| Tin        | 118-1 | 2275     | 2334     | 2384     | 2331     | 2.33   | cps   |
| Titanium   | 47-1  | 1133     | 983      | 983      | 1033     | 8.38   | cps   |
| Uranium    | 238-1 | 842      | 792      | 683      | 772      | 10.48  | cps   |
| Vanadium   | 51-2  | 327      | 243      | 267      | 279      | 15.42  | cps   |
| Yttrium    | 89-1  | 13562325 | 13561237 | 13554457 | 13559340 | 0.03   | cps   |
| Yttrium    | 89-2  | 2144806  | 2154970  | 2157909  | 2152562  | 0.32   | cps   |
| Zinc       | 66-2  | 214894   | 216064   | 215138   | 215365   | 0.29   | cps   |
| Zirconium  | 90-1  | 1242     | 1133     | 1217     | 1197     | 4.74   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-09-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:00:45  | DataFile Name :   | 142SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 283  | 242  | 308  | 278     | 12.12  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-10 Instrumnet Name : P7  
 Client Sample ID : DC32515-10-FL2-BRC-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:04:10 DataFile Name : 143SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1275     | 1634     | 1751     | 1553     | 15.96  | cps   |
| Antimony   | 121-1 | 1250     | 1417     | 1225     | 1297     | 8.03   | cps   |
| Arsenic    | 75-2  | 187      | 183      | 187      | 186      | 1.15   | cps   |
| Barium     | 135-1 | 71778    | 70722    | 71317    | 71272    | 0.74   | cps   |
| Barium     | 137-1 | 126345   | 125118   | 124967   | 125477   | 0.60   | cps   |
| Beryllium  | 9-1   | 39       | 39       | 33       | 37       | 8.67   | cps   |
| Bismuth    | 209-1 | 11316871 | 11356267 | 11512072 | 11395070 | 0.91   | cps   |
| Bismuth    | 209-2 | 7085564  | 7050643  | 7102046  | 7079418  | 0.37   | cps   |
| Boron      | 10-1  | 1425     | 1308     | 1492     | 1408     | 6.59   | cps   |
| Boron      | 11-1  | 7594     | 7727     | 8319     | 7880     | 4.90   | cps   |
| Cadmium    | 111-1 | 2281     | 2458     | 2406     | 2382     | 3.81   | cps   |
| Cadmium    | 106-1 | 3226     | 3484     | 3384     | 3364     | 3.87   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 13       | 10       | 24.77  | cps   |
| Calcium    | 43-1  | 266215   | 264830   | 264410   | 265152   | 0.36   | cps   |
| Calcium    | 44-1  | 4359167  | 4358406  | 4324790  | 4347454  | 0.45   | cps   |
| Chromium   | 52-2  | 1980     | 1910     | 2044     | 1978     | 3.37   | cps   |
| Cobalt     | 59-2  | 213      | 243      | 163      | 207      | 19.55  | cps   |
| Copper     | 63-2  | 906030   | 905960   | 902266   | 904752   | 0.24   | cps   |
| Dysprosium | 156-1 | 83       | 42       | 75       | 67       | 33.07  | cps   |
| Dysprosium | 156-2 | 53       | 53       | 70       | 59       | 16.34  | cps   |
| Erbium     | 164-1 | 58       | 142      | 58       | 86       | 55.87  | cps   |
| Erbium     | 164-2 | 60       | 43       | 57       | 53       | 16.54  | cps   |
| Gadolinium | 160-1 | 175      | 100      | 192      | 156      | 31.39  | cps   |
| Gadolinium | 160-2 | 163      | 140      | 180      | 161      | 12.47  | cps   |
| Holmium    | 165-1 | 17336936 | 17290095 | 17211948 | 17279660 | 0.37   | cps   |
| Holmium    | 165-2 | 8984206  | 8982282  | 9056560  | 9007683  | 0.47   | cps   |
| Indium     | 115-1 | 13361424 | 13225182 | 13196019 | 13260875 | 0.67   | cps   |
| Indium     | 115-2 | 2736275  | 2718330  | 2725122  | 2726576  | 0.33   | cps   |
| Iron       | 56-2  | 103358   | 101253   | 101348   | 101986   | 1.17   | cps   |
| Iron       | 57-2  | 3200     | 3534     | 3373     | 3369     | 4.95   | cps   |
| Lead       | 206-1 | 2334     | 2200     | 2295     | 2276     | 3.01   | cps   |
| Lead       | 207-1 | 1961     | 1989     | 2156     | 2035     | 5.17   | cps   |
| Lead       | 208-1 | 9124     | 9074     | 9574     | 9257     | 2.98   | cps   |
| Lithium    | 6-1   | 1831497  | 1823263  | 1828748  | 1827836  | 0.23   | cps   |
| Magnesium  | 24-2  | 505568   | 511661   | 508121   | 508450   | 0.60   | cps   |
| Manganese  | 55-2  | 33311    | 33545    | 33187    | 33348    | 0.54   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-10-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:04:10  | DataFile Name :   | 143SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 642      | 542      | 725      | 636      | 14.43  | cps   |
| Molybdenum | 95-1  | 375      | 367      | 342      | 361      | 4.80   | cps   |
| Molybdenum | 96-1  | 467      | 400      | 450      | 439      | 7.90   | cps   |
| Molybdenum | 97-1  | 242      | 308      | 425      | 325      | 28.55  | cps   |
| Molybdenum | 98-1  | 492      | 467      | 533      | 497      | 6.77   | cps   |
| Neodymium  | 150-1 | 107      | 53       | 60       | 73       | 39.62  | cps   |
| Neodymium  | 150-2 | 37       | 23       | 17       | 26       | 39.85  | cps   |
| Nickel     | 60-2  | 573      | 470      | 583      | 542      | 11.57  | cps   |
| Phosphorus | 31-2  | 6593     | 6685     | 6627     | 6635     | 0.70   | cps   |
| Potassium  | 39-2  | 259932   | 256539   | 258912   | 258461   | 0.67   | cps   |
| Rhodium    | 103-1 | 12487128 | 12404794 | 12417104 | 12436342 | 0.36   | cps   |
| Rhodium    | 103-2 | 6182795  | 6013413  | 6100144  | 6098784  | 1.39   | cps   |
| Scandium   | 45-1  | 8341832  | 8244237  | 8318088  | 8301386  | 0.61   | cps   |
| Scandium   | 45-2  | 422116   | 422618   | 426013   | 423582   | 0.50   | cps   |
| Selenium   | 77-2  | 7        | 10       | 0        | 6        | 91.64  | cps   |
| Selenium   | 78-2  | 100      | 115      | 102      | 106      | 7.65   | cps   |
| Selenium   | 82-1  | 155      | 79       | -61      | 58       | 189.15 | cps   |
| Silicon    | 28-1  | 9986757  | 8977821  | 9074134  | 9346237  | 5.96   | cps   |
| Silver     | 109-1 | 125      | 108      | 108      | 114      | 8.45   | cps   |
| Silver     | 107-1 | 133      | 117      | 183      | 144      | 24.02  | cps   |
| Sodium     | 23-2  | 8638377  | 8674313  | 8599186  | 8637292  | 0.44   | cps   |
| Strontium  | 86-1  | 97438    | 94586    | 96220    | 96082    | 1.49   | cps   |
| Strontium  | 88-1  | 839513   | 829791   | 832403   | 833903   | 0.60   | cps   |
| Sulfur     | 34-1  | 542557   | 545147   | 534687   | 540797   | 1.01   | cps   |
| Terbium    | 159-1 | 17732098 | 17714909 | 17623706 | 17690238 | 0.33   | cps   |
| Terbium    | 159-2 | 9015493  | 9024398  | 8903933  | 8981275  | 0.75   | cps   |
| Thallium   | 203-1 | 317      | 358      | 342      | 339      | 6.19   | cps   |
| Thallium   | 205-1 | 800      | 842      | 833      | 825      | 2.67   | cps   |
| Tin        | 118-1 | 608      | 733      | 508      | 617      | 18.28  | cps   |
| Titanium   | 47-1  | 808      | 842      | 925      | 858      | 7.00   | cps   |
| Uranium    | 238-1 | 617      | 642      | 733      | 664      | 9.25   | cps   |
| Vanadium   | 51-2  | 303      | 303      | 263      | 290      | 7.96   | cps   |
| Yttrium    | 89-1  | 13533382 | 13523407 | 13554722 | 13537170 | 0.12   | cps   |
| Yttrium    | 89-2  | 2138884  | 2112028  | 2142543  | 2131152  | 0.78   | cps   |
| Zinc       | 66-2  | 8473     | 8683     | 8469     | 8542     | 1.43   | cps   |
| Zirconium  | 90-1  | 1175     | 1258     | 1283     | 1239     | 4.58   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-10             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-10-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:04:10  | DataFile Name :   | 143SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 233  | 250  | 253     | 8.30   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-11 Instrumnet Name : P7  
 Client Sample ID : DC32515-11-FL2-BRC-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:07:35 DataFile Name : 144SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 7936     | 7711     | 7902     | 7850     | 1.55   | cps   |
| Antimony   | 121-1 | 1625     | 1492     | 1550     | 1556     | 4.30   | cps   |
| Arsenic    | 75-2  | 143      | 181      | 191      | 172      | 14.89  | cps   |
| Barium     | 135-1 | 65145    | 64869    | 63370    | 64461    | 1.48   | cps   |
| Barium     | 137-1 | 112763   | 108926   | 111839   | 111176   | 1.80   | cps   |
| Beryllium  | 9-1   | 11       | 22       | 17       | 17       | 33.33  | cps   |
| Bismuth    | 209-1 | 11551515 | 11541952 | 11391886 | 11495118 | 0.78   | cps   |
| Bismuth    | 209-2 | 7127048  | 7061984  | 7173600  | 7120877  | 0.79   | cps   |
| Boron      | 10-1  | 2867     | 2942     | 3117     | 2975     | 4.31   | cps   |
| Boron      | 11-1  | 14749    | 14833    | 14816    | 14799    | 0.30   | cps   |
| Cadmium    | 111-1 | 2262     | 2397     | 2182     | 2280     | 4.77   | cps   |
| Cadmium    | 106-1 | 3209     | 3359     | 3075     | 3214     | 4.41   | cps   |
| Cadmium    | 108-1 | 38       | 29       | 29       | 32       | 15.05  | cps   |
| Calcium    | 43-1  | 269070   | 271406   | 270578   | 270352   | 0.44   | cps   |
| Calcium    | 44-1  | 4383641  | 4415798  | 4401464  | 4400301  | 0.37   | cps   |
| Chromium   | 52-2  | 5755     | 5731     | 5858     | 5781     | 1.17   | cps   |
| Cobalt     | 59-2  | 460      | 447      | 517      | 474      | 7.84   | cps   |
| Copper     | 63-2  | 1032599  | 1031532  | 1038907  | 1034346  | 0.39   | cps   |
| Dysprosium | 156-1 | 92       | 92       | 150      | 111      | 30.31  | cps   |
| Dysprosium | 156-2 | 20       | 23       | 57       | 33       | 60.84  | cps   |
| Erbium     | 164-1 | 108      | 100      | 217      | 142      | 45.94  | cps   |
| Erbium     | 164-2 | 53       | 60       | 70       | 61       | 13.73  | cps   |
| Gadolinium | 160-1 | 125      | 175      | 133      | 144      | 18.54  | cps   |
| Gadolinium | 160-2 | 157      | 193      | 150      | 167      | 14.00  | cps   |
| Holmium    | 165-1 | 17402994 | 17308796 | 17204169 | 17305319 | 0.57   | cps   |
| Holmium    | 165-2 | 9131557  | 9073325  | 9109804  | 9104895  | 0.32   | cps   |
| Indium     | 115-1 | 13365248 | 13293853 | 13220705 | 13293269 | 0.54   | cps   |
| Indium     | 115-2 | 2767721  | 2763504  | 2773008  | 2768078  | 0.17   | cps   |
| Iron       | 56-2  | 119050   | 111858   | 114041   | 114983   | 3.21   | cps   |
| Iron       | 57-2  | 3639     | 3501     | 3606     | 3582     | 2.02   | cps   |
| Lead       | 206-1 | 7680     | 8136     | 7586     | 7801     | 3.77   | cps   |
| Lead       | 207-1 | 6657     | 6724     | 6302     | 6561     | 3.46   | cps   |
| Lead       | 208-1 | 30159    | 31243    | 29569    | 30324    | 2.80   | cps   |
| Lithium    | 6-1   | 1832824  | 1829673  | 1819533  | 1827343  | 0.38   | cps   |
| Magnesium  | 24-2  | 524135   | 524064   | 521098   | 523099   | 0.33   | cps   |
| Manganese  | 55-2  | 38855    | 38143    | 38197    | 38398    | 1.03   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-11-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:07:35  | DataFile Name :   | 144SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 642      | 608      | 650      | 633      | 3.48   | cps   |
| Molybdenum | 95-1  | 408      | 267      | 258      | 311      | 27.10  | cps   |
| Molybdenum | 96-1  | 400      | 333      | 392      | 375      | 9.69   | cps   |
| Molybdenum | 97-1  | 292      | 225      | 283      | 267      | 13.62  | cps   |
| Molybdenum | 98-1  | 558      | 550      | 567      | 558      | 1.49   | cps   |
| Neodymium  | 150-1 | 73       | 20       | 47       | 47       | 57.15  | cps   |
| Neodymium  | 150-2 | 37       | 37       | 23       | 32       | 23.90  | cps   |
| Nickel     | 60-2  | 5301     | 5201     | 5134     | 5212     | 1.61   | cps   |
| Phosphorus | 31-2  | 6435     | 6060     | 6543     | 6346     | 4.00   | cps   |
| Potassium  | 39-2  | 270946   | 270559   | 271438   | 270981   | 0.16   | cps   |
| Rhodium    | 103-1 | 12576341 | 12453728 | 12457624 | 12495898 | 0.56   | cps   |
| Rhodium    | 103-2 | 6182687  | 6177008  | 6211212  | 6190302  | 0.30   | cps   |
| Scandium   | 45-1  | 8247809  | 8200232  | 8250764  | 8232935  | 0.34   | cps   |
| Scandium   | 45-2  | 427879   | 426039   | 430753   | 428224   | 0.55   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 102      | 83       | 104      | 96       | 11.70  | cps   |
| Selenium   | 82-1  | 28       | -3       | 171      | 65       | 142.07 | cps   |
| Silicon    | 28-1  | 9677366  | 9492933  | 9498030  | 9556110  | 1.10   | cps   |
| Silver     | 109-1 | 133      | 192      | 92       | 139      | 36.17  | cps   |
| Silver     | 107-1 | 142      | 242      | 67       | 150      | 58.53  | cps   |
| Sodium     | 23-2  | 8810503  | 8804988  | 8912127  | 8842539  | 0.68   | cps   |
| Strontium  | 86-1  | 94210    | 95140    | 94418    | 94589    | 0.52   | cps   |
| Strontium  | 88-1  | 825792   | 818624   | 815826   | 820081   | 0.63   | cps   |
| Sulfur     | 34-1  | 529867   | 530945   | 532102   | 530972   | 0.21   | cps   |
| Terbium    | 159-1 | 17838038 | 17910351 | 17883066 | 17877152 | 0.20   | cps   |
| Terbium    | 159-2 | 9078762  | 9065799  | 9066013  | 9070192  | 0.08   | cps   |
| Thallium   | 203-1 | 417      | 375      | 375      | 389      | 6.19   | cps   |
| Thallium   | 205-1 | 1225     | 1050     | 1200     | 1158     | 8.17   | cps   |
| Tin        | 118-1 | 1500     | 1659     | 1392     | 1517     | 8.84   | cps   |
| Titanium   | 47-1  | 883      | 892      | 942      | 906      | 3.48   | cps   |
| Uranium    | 238-1 | 625      | 533      | 700      | 619      | 13.48  | cps   |
| Vanadium   | 51-2  | 287      | 317      | 280      | 294      | 6.63   | cps   |
| Yttrium    | 89-1  | 13633430 | 13364119 | 13498294 | 13498615 | 1.00   | cps   |
| Yttrium    | 89-2  | 2165397  | 2149865  | 2140422  | 2151895  | 0.59   | cps   |
| Zinc       | 66-2  | 177348   | 179364   | 178484   | 178399   | 0.57   | cps   |
| Zirconium  | 90-1  | 1417     | 1358     | 1375     | 1383     | 2.17   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-11-FL2-BRC-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:07:35  | DataFile Name :   | 144SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 333  | 317  | 333     | 5.00   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-12 Instrumnet Name : P7  
 Client Sample ID : DC32515-12-FL2-BRC-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:10:59 DataFile Name : 145SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 10071    | 9762     | 9720     | 9851     | 1.94   | cps   |
| Antimony   | 121-1 | 1458     | 1200     | 1433     | 1364     | 10.45  | cps   |
| Arsenic    | 75-2  | 202      | 187      | 198      | 196      | 3.94   | cps   |
| Barium     | 135-1 | 72079    | 72489    | 72725    | 72431    | 0.45   | cps   |
| Barium     | 137-1 | 124790   | 124631   | 123924   | 124449   | 0.37   | cps   |
| Beryllium  | 9-1   | 22       | 6        | 11       | 13       | 65.44  | cps   |
| Bismuth    | 209-1 | 11475666 | 11434271 | 11359279 | 11423072 | 0.52   | cps   |
| Bismuth    | 209-2 | 7078275  | 7097291  | 6964719  | 7046762  | 1.02   | cps   |
| Boron      | 10-1  | 1800     | 1425     | 1592     | 1606     | 11.70  | cps   |
| Boron      | 11-1  | 7594     | 7144     | 8136     | 7624     | 6.52   | cps   |
| Cadmium    | 111-1 | 2533     | 2458     | 2162     | 2384     | 8.23   | cps   |
| Cadmium    | 106-1 | 3609     | 3484     | 3075     | 3389     | 8.23   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 17       | 11       | 43.34  | cps   |
| Calcium    | 43-1  | 257158   | 257593   | 261261   | 258671   | 0.87   | cps   |
| Calcium    | 44-1  | 4358654  | 4314520  | 4311009  | 4328061  | 0.61   | cps   |
| Chromium   | 52-2  | 2607     | 2384     | 2547     | 2512     | 4.60   | cps   |
| Cobalt     | 59-2  | 193      | 220      | 203      | 206      | 6.55   | cps   |
| Copper     | 63-2  | 914408   | 912867   | 917490   | 914922   | 0.26   | cps   |
| Dysprosium | 156-1 | 67       | 50       | 83       | 67       | 25.00  | cps   |
| Dysprosium | 156-2 | 17       | 40       | 33       | 30       | 40.05  | cps   |
| Erbium     | 164-1 | 92       | 108      | 117      | 106      | 12.06  | cps   |
| Erbium     | 164-2 | 60       | 57       | 60       | 59       | 3.26   | cps   |
| Gadolinium | 160-1 | 100      | 142      | 158      | 133      | 22.53  | cps   |
| Gadolinium | 160-2 | 163      | 177      | 187      | 176      | 6.67   | cps   |
| Holmium    | 165-1 | 17444784 | 17260383 | 17140434 | 17281867 | 0.89   | cps   |
| Holmium    | 165-2 | 9005644  | 9108743  | 8952267  | 9022218  | 0.88   | cps   |
| Indium     | 115-1 | 13330310 | 13162170 | 13085228 | 13192569 | 0.95   | cps   |
| Indium     | 115-2 | 2732439  | 2727914  | 2729784  | 2730046  | 0.08   | cps   |
| Iron       | 56-2  | 104670   | 101354   | 101370   | 102465   | 1.86   | cps   |
| Iron       | 57-2  | 3345     | 3328     | 3517     | 3397     | 3.08   | cps   |
| Lead       | 206-1 | 2095     | 2172     | 1928     | 2065     | 6.05   | cps   |
| Lead       | 207-1 | 1961     | 1956     | 1695     | 1871     | 8.15   | cps   |
| Lead       | 208-1 | 8668     | 8612     | 8129     | 8470     | 3.50   | cps   |
| Lithium    | 6-1   | 1795031  | 1792737  | 1792705  | 1793491  | 0.07   | cps   |
| Magnesium  | 24-2  | 509523   | 510808   | 506869   | 509067   | 0.39   | cps   |
| Manganese  | 55-2  | 33295    | 32787    | 33234    | 33105    | 0.84   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-12-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:10:59  | DataFile Name :   | 145SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 542      | 592      | 617      | 583      | 6.55   | cps   |
| Molybdenum | 95-1  | 267      | 275      | 217      | 253      | 12.48  | cps   |
| Molybdenum | 96-1  | 442      | 417      | 408      | 422      | 4.11   | cps   |
| Molybdenum | 97-1  | 300      | 175      | 308      | 261      | 28.61  | cps   |
| Molybdenum | 98-1  | 533      | 542      | 617      | 564      | 8.14   | cps   |
| Neodymium  | 150-1 | 53       | 53       | 100      | 69       | 39.10  | cps   |
| Neodymium  | 150-2 | 23       | 30       | 17       | 23       | 28.56  | cps   |
| Nickel     | 60-2  | 567      | 493      | 447      | 502      | 12.05  | cps   |
| Phosphorus | 31-2  | 6969     | 6885     | 6852     | 6902     | 0.87   | cps   |
| Potassium  | 39-2  | 258286   | 260166   | 260150   | 259534   | 0.42   | cps   |
| Rhodium    | 103-1 | 12536702 | 12400866 | 12398839 | 12445469 | 0.63   | cps   |
| Rhodium    | 103-2 | 6009893  | 6128529  | 6129530  | 6089317  | 1.13   | cps   |
| Scandium   | 45-1  | 8315674  | 8172626  | 8295919  | 8261407  | 0.94   | cps   |
| Scandium   | 45-2  | 422611   | 424939   | 420513   | 422688   | 0.52   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 104      | 76       | 106      | 95       | 17.46  | cps   |
| Selenium   | 82-1  | 240      | 17       | 112      | 123      | 91.15  | cps   |
| Silicon    | 28-1  | 9088910  | 9084187  | 8918068  | 9030388  | 1.08   | cps   |
| Silver     | 109-1 | 83       | 75       | 58       | 72       | 17.62  | cps   |
| Silver     | 107-1 | 167      | 200      | 208      | 192      | 11.50  | cps   |
| Sodium     | 23-2  | 8693065  | 8666796  | 8677913  | 8679258  | 0.15   | cps   |
| Strontium  | 86-1  | 95106    | 97143    | 94669    | 95640    | 1.38   | cps   |
| Strontium  | 88-1  | 833553   | 828248   | 822723   | 828174   | 0.65   | cps   |
| Sulfur     | 34-1  | 514697   | 518683   | 515648   | 516343   | 0.40   | cps   |
| Terbium    | 159-1 | 17863424 | 17703895 | 17714103 | 17760474 | 0.50   | cps   |
| Terbium    | 159-2 | 9066196  | 8934146  | 8997363  | 8999235  | 0.73   | cps   |
| Thallium   | 203-1 | 325      | 342      | 258      | 308      | 14.30  | cps   |
| Thallium   | 205-1 | 575      | 633      | 492      | 567      | 12.56  | cps   |
| Tin        | 118-1 | 608      | 658      | 542      | 603      | 9.71   | cps   |
| Titanium   | 47-1  | 800      | 983      | 942      | 908      | 10.58  | cps   |
| Uranium    | 238-1 | 717      | 667      | 675      | 686      | 3.91   | cps   |
| Vanadium   | 51-2  | 317      | 250      | 290      | 286      | 11.75  | cps   |
| Yttrium    | 89-1  | 13528375 | 13361709 | 13377229 | 13422438 | 0.69   | cps   |
| Yttrium    | 89-2  | 2133184  | 2137982  | 2134756  | 2135307  | 0.11   | cps   |
| Zinc       | 66-2  | 5234     | 5378     | 5454     | 5356     | 2.09   | cps   |
| Zirconium  | 90-1  | 1158     | 1233     | 1333     | 1242     | 7.07   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-12-FL2-BRC-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:10:59  | DataFile Name :   | 145SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 183  | 242  | 217     | 13.87  | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-13 Instrumnet Name : P7  
 Client Sample ID : DC32515-13-FL2-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:14:24 DataFile Name : 146SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1475     | 1692     | 1359     | 1509     | 11.21  | cps   |
| Antimony   | 121-1 | 1617     | 1425     | 1775     | 1606     | 10.92  | cps   |
| Arsenic    | 75-2  | 217      | 185      | 200      | 201      | 7.85   | cps   |
| Barium     | 135-1 | 70998    | 69231    | 71191    | 70474    | 1.53   | cps   |
| Barium     | 137-1 | 124327   | 122452   | 125976   | 124252   | 1.42   | cps   |
| Beryllium  | 9-1   | 39       | 22       | 39       | 33       | 28.87  | cps   |
| Bismuth    | 209-1 | 11388469 | 11292827 | 11003343 | 11228213 | 1.79   | cps   |
| Bismuth    | 209-2 | 6852369  | 7087982  | 6734482  | 6891611  | 2.61   | cps   |
| Boron      | 10-1  | 1550     | 1558     | 1592     | 1567     | 1.41   | cps   |
| Boron      | 11-1  | 7894     | 7694     | 7969     | 7852     | 1.81   | cps   |
| Cadmium    | 111-1 | 2495     | 2105     | 2309     | 2303     | 8.45   | cps   |
| Cadmium    | 106-1 | 3534     | 3000     | 3276     | 3270     | 8.16   | cps   |
| Cadmium    | 108-1 | 0        | 17       | 13       | 10       | 89.22  | cps   |
| Calcium    | 43-1  | 264313   | 266079   | 260822   | 263738   | 1.01   | cps   |
| Calcium    | 44-1  | 4367710  | 4366727  | 4311346  | 4348594  | 0.74   | cps   |
| Chromium   | 52-2  | 2014     | 1887     | 1940     | 1947     | 3.27   | cps   |
| Cobalt     | 59-2  | 193      | 193      | 200      | 196      | 1.97   | cps   |
| Copper     | 63-2  | 1484894  | 1491402  | 1497179  | 1491158  | 0.41   | cps   |
| Dysprosium | 156-1 | 117      | 100      | 83       | 100      | 16.66  | cps   |
| Dysprosium | 156-2 | 47       | 40       | 33       | 40       | 16.68  | cps   |
| Erbium     | 164-1 | 83       | 167      | 150      | 133      | 33.07  | cps   |
| Erbium     | 164-2 | 63       | 93       | 50       | 69       | 32.22  | cps   |
| Gadolinium | 160-1 | 158      | 150      | 167      | 158      | 5.26   | cps   |
| Gadolinium | 160-2 | 153      | 153      | 120      | 142      | 13.53  | cps   |
| Holmium    | 165-1 | 17233274 | 17014514 | 16950465 | 17066085 | 0.87   | cps   |
| Holmium    | 165-2 | 8886354  | 8874218  | 8971372  | 8910648  | 0.59   | cps   |
| Indium     | 115-1 | 13164369 | 13031015 | 12909058 | 13034814 | 0.98   | cps   |
| Indium     | 115-2 | 2709152  | 2739845  | 2732240  | 2727079  | 0.59   | cps   |
| Iron       | 56-2  | 106718   | 104279   | 103140   | 104712   | 1.75   | cps   |
| Iron       | 57-2  | 3339     | 3545     | 3345     | 3410     | 3.44   | cps   |
| Lead       | 206-1 | 7052     | 7113     | 6980     | 7048     | 0.95   | cps   |
| Lead       | 207-1 | 5729     | 6291     | 5807     | 5942     | 5.12   | cps   |
| Lead       | 208-1 | 27646    | 28374    | 26845    | 27621    | 2.77   | cps   |
| Lithium    | 6-1   | 1795414  | 1798552  | 1769875  | 1787947  | 0.88   | cps   |
| Magnesium  | 24-2  | 508531   | 507662   | 508195   | 508129   | 0.09   | cps   |
| Manganese  | 55-2  | 30271    | 30014    | 30719    | 30335    | 1.18   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-13-FL2-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:14:24  | DataFile Name :   | 146SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 583      | 675      | 583      | 614      | 8.62   | cps   |
| Molybdenum | 95-1  | 308      | 333      | 367      | 336      | 8.71   | cps   |
| Molybdenum | 96-1  | 475      | 408      | 558      | 481      | 15.64  | cps   |
| Molybdenum | 97-1  | 392      | 383      | 217      | 331      | 29.86  | cps   |
| Molybdenum | 98-1  | 567      | 650      | 483      | 567      | 14.71  | cps   |
| Neodymium  | 150-1 | 60       | 67       | 60       | 62       | 6.19   | cps   |
| Neodymium  | 150-2 | 17       | 20       | 17       | 18       | 10.81  | cps   |
| Nickel     | 60-2  | 2880     | 3007     | 2677     | 2855     | 5.83   | cps   |
| Phosphorus | 31-2  | 6969     | 7185     | 7077     | 7077     | 1.53   | cps   |
| Potassium  | 39-2  | 262957   | 261998   | 264178   | 263045   | 0.42   | cps   |
| Rhodium    | 103-1 | 12444149 | 12273957 | 12052321 | 12256809 | 1.60   | cps   |
| Rhodium    | 103-2 | 6036927  | 6155887  | 6110619  | 6101145  | 0.98   | cps   |
| Scandium   | 45-1  | 8154494  | 8110863  | 7968813  | 8078057  | 1.20   | cps   |
| Scandium   | 45-2  | 416370   | 420580   | 418497   | 418482   | 0.50   | cps   |
| Selenium   | 77-2  | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 83       | 87       | 91       | 87       | 4.26   | cps   |
| Selenium   | 82-1  | 105      | 79       | 52       | 79       | 34.10  | cps   |
| Silicon    | 28-1  | 9005556  | 8966013  | 8969583  | 8980384  | 0.24   | cps   |
| Silver     | 109-1 | 108      | 75       | 100      | 94       | 18.37  | cps   |
| Silver     | 107-1 | 208      | 150      | 158      | 172      | 18.32  | cps   |
| Sodium     | 23-2  | 8676227  | 8656658  | 8523140  | 8618675  | 0.97   | cps   |
| Strontium  | 86-1  | 94811    | 94284    | 94232    | 94442    | 0.34   | cps   |
| Strontium  | 88-1  | 839584   | 829934   | 824538   | 831352   | 0.92   | cps   |
| Sulfur     | 34-1  | 527940   | 527416   | 525017   | 526791   | 0.30   | cps   |
| Terbium    | 159-1 | 17647777 | 17700040 | 17404512 | 17584109 | 0.90   | cps   |
| Terbium    | 159-2 | 8935847  | 8983846  | 8935884  | 8951859  | 0.31   | cps   |
| Thallium   | 203-1 | 333      | 442      | 233      | 336      | 31.00  | cps   |
| Thallium   | 205-1 | 908      | 717      | 708      | 778      | 14.55  | cps   |
| Tin        | 118-1 | 1158     | 1100     | 1100     | 1120     | 3.01   | cps   |
| Titanium   | 47-1  | 967      | 925      | 850      | 914      | 6.47   | cps   |
| Uranium    | 238-1 | 642      | 658      | 475      | 592      | 17.13  | cps   |
| Vanadium   | 51-2  | 283      | 237      | 263      | 261      | 8.97   | cps   |
| Yttrium    | 89-1  | 13493023 | 13393474 | 13294278 | 13393592 | 0.74   | cps   |
| Yttrium    | 89-2  | 2126720  | 2131942  | 2130697  | 2129786  | 0.13   | cps   |
| Zinc       | 66-2  | 18242    | 18355    | 18055    | 18217    | 0.83   | cps   |
| Zirconium  | 90-1  | 1125     | 1175     | 1242     | 1181     | 4.96   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-13-FL2-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:14:24  | DataFile Name :   | 146SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 175  | 208  | 192     | 8.70   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-14 Instrumnet Name : P7  
 Client Sample ID : DC32515-14-FL2-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:17:49 DataFile Name : 147SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1683     | 1742     | 1875     | 1767     | 5.56   | cps   |
| Antimony   | 121-1 | 1500     | 1534     | 1425     | 1486     | 3.73   | cps   |
| Arsenic    | 75-2  | 172      | 191      | 165      | 176      | 7.59   | cps   |
| Barium     | 135-1 | 72723    | 70085    | 70429    | 71079    | 2.02   | cps   |
| Barium     | 137-1 | 122783   | 121604   | 124681   | 123023   | 1.26   | cps   |
| Beryllium  | 9-1   | 28       | 11       | 33       | 24       | 48.04  | cps   |
| Bismuth    | 209-1 | 11303688 | 11138605 | 11217824 | 11220039 | 0.74   | cps   |
| Bismuth    | 209-2 | 6992778  | 7015218  | 7047221  | 7018406  | 0.39   | cps   |
| Boron      | 10-1  | 1725     | 1659     | 1542     | 1642     | 5.65   | cps   |
| Boron      | 11-1  | 7794     | 7435     | 7936     | 7722     | 3.34   | cps   |
| Cadmium    | 111-1 | 2249     | 2482     | 2482     | 2404     | 5.60   | cps   |
| Cadmium    | 106-1 | 3209     | 3542     | 3534     | 3428     | 5.55   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 13       | 10       | 24.77  | cps   |
| Calcium    | 43-1  | 271050   | 265800   | 265087   | 267312   | 1.22   | cps   |
| Calcium    | 44-1  | 4411881  | 4438538  | 4390760  | 4413726  | 0.54   | cps   |
| Chromium   | 52-2  | 2244     | 2394     | 2304     | 2314     | 3.26   | cps   |
| Cobalt     | 59-2  | 200      | 250      | 203      | 218      | 12.84  | cps   |
| Copper     | 63-2  | 1290549  | 1302731  | 1281665  | 1291649  | 0.82   | cps   |
| Dysprosium | 156-1 | 92       | 83       | 100      | 92       | 9.09   | cps   |
| Dysprosium | 156-2 | 60       | 50       | 63       | 58       | 12.01  | cps   |
| Erbium     | 164-1 | 175      | 108      | 75       | 119      | 42.63  | cps   |
| Erbium     | 164-2 | 40       | 47       | 77       | 54       | 35.88  | cps   |
| Gadolinium | 160-1 | 133      | 208      | 125      | 156      | 29.50  | cps   |
| Gadolinium | 160-2 | 173      | 170      | 157      | 167      | 5.29   | cps   |
| Holmium    | 165-1 | 17364650 | 17052600 | 17151715 | 17189655 | 0.93   | cps   |
| Holmium    | 165-2 | 8930085  | 8981344  | 9001013  | 8970814  | 0.41   | cps   |
| Indium     | 115-1 | 13157692 | 13143501 | 12951626 | 13084273 | 0.88   | cps   |
| Indium     | 115-2 | 2739596  | 2736255  | 2722730  | 2732860  | 0.33   | cps   |
| Iron       | 56-2  | 103049   | 102949   | 103064   | 103021   | 0.06   | cps   |
| Iron       | 57-2  | 3206     | 3162     | 3239     | 3202     | 1.22   | cps   |
| Lead       | 206-1 | 3301     | 3334     | 3506     | 3380     | 3.26   | cps   |
| Lead       | 207-1 | 2867     | 2889     | 2939     | 2899     | 1.28   | cps   |
| Lead       | 208-1 | 13042    | 13336    | 13309    | 13229    | 1.23   | cps   |
| Lithium    | 6-1   | 1789087  | 1782039  | 1779701  | 1783609  | 0.27   | cps   |
| Magnesium  | 24-2  | 506335   | 514414   | 504791   | 508513   | 1.02   | cps   |
| Manganese  | 55-2  | 33265    | 33218    | 32987    | 33156    | 0.45   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-14 Instrumnet Name : P7  
 Client Sample ID : DC32515-14-FL2-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:17:49 DataFile Name : 147SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 617      | 667      | 617      | 633      | 4.56   | cps   |
| Molybdenum | 95-1  | 367      | 358      | 442      | 389      | 11.80  | cps   |
| Molybdenum | 96-1  | 525      | 550      | 442      | 506      | 11.22  | cps   |
| Molybdenum | 97-1  | 442      | 383      | 233      | 353      | 30.47  | cps   |
| Molybdenum | 98-1  | 725      | 675      | 600      | 667      | 9.44   | cps   |
| Neodymium  | 150-1 | 73       | 93       | 253      | 140      | 70.50  | cps   |
| Neodymium  | 150-2 | 27       | 10       | 23       | 20       | 44.10  | cps   |
| Nickel     | 60-2  | 1260     | 1163     | 1073     | 1166     | 8.01   | cps   |
| Phosphorus | 31-2  | 7285     | 6977     | 7519     | 7260     | 3.74   | cps   |
| Potassium  | 39-2  | 261441   | 260581   | 258319   | 260114   | 0.62   | cps   |
| Rhodium    | 103-1 | 12271919 | 12413091 | 12294890 | 12326633 | 0.61   | cps   |
| Rhodium    | 103-2 | 6162114  | 6108527  | 6108457  | 6126366  | 0.51   | cps   |
| Scandium   | 45-1  | 8113044  | 8212420  | 8138294  | 8154586  | 0.63   | cps   |
| Scandium   | 45-2  | 430733   | 425800   | 423350   | 426628   | 0.88   | cps   |
| Selenium   | 77-2  | 10       | 7        | 3        | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 94       | 117      | 122      | 111      | 13.23  | cps   |
| Selenium   | 82-1  | -1       | 63       | 72       | 45       | 89.64  | cps   |
| Silicon    | 28-1  | 8993007  | 8910272  | 8883543  | 8928941  | 0.64   | cps   |
| Silver     | 109-1 | 92       | 125      | 150      | 122      | 23.95  | cps   |
| Silver     | 107-1 | 150      | 167      | 183      | 167      | 10.00  | cps   |
| Sodium     | 23-2  | 8612292  | 8640350  | 8721270  | 8657971  | 0.65   | cps   |
| Strontium  | 86-1  | 95081    | 95896    | 93638    | 94871    | 1.21   | cps   |
| Strontium  | 88-1  | 841773   | 826882   | 831816   | 833490   | 0.91   | cps   |
| Sulfur     | 34-1  | 540072   | 541974   | 542512   | 541519   | 0.24   | cps   |
| Terbium    | 159-1 | 17678333 | 17481786 | 17462431 | 17540850 | 0.68   | cps   |
| Terbium    | 159-2 | 9060785  | 8991917  | 8976880  | 9009860  | 0.50   | cps   |
| Thallium   | 203-1 | 342      | 333      | 300      | 325      | 6.78   | cps   |
| Thallium   | 205-1 | 792      | 950      | 767      | 836      | 11.89  | cps   |
| Tin        | 118-1 | 708      | 667      | 750      | 708      | 5.88   | cps   |
| Titanium   | 47-1  | 1075     | 958      | 1108     | 1047     | 7.52   | cps   |
| Uranium    | 238-1 | 575      | 750      | 608      | 644      | 14.42  | cps   |
| Vanadium   | 51-2  | 307      | 280      | 223      | 270      | 15.76  | cps   |
| Yttrium    | 89-1  | 13374642 | 13276789 | 13189615 | 13280348 | 0.70   | cps   |
| Yttrium    | 89-2  | 2128601  | 2134538  | 2118336  | 2127158  | 0.39   | cps   |
| Zinc       | 66-2  | 8349     | 8292     | 8376     | 8339     | 0.51   | cps   |
| Zirconium  | 90-1  | 1308     | 1183     | 1233     | 1242     | 5.07   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-14-FL2-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:17:49  | DataFile Name :   | 147SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 192  | 317  | 256     | 24.47  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV76               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV76               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:21:14 | DataFile Name :   | 148SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1033     | 1058     | 1125     | 1072     | 4.42   | cps   |
| Antimony   | 121-1 | 150      | 133      | 133      | 139      | 6.93   | cps   |
| Arsenic    | 75-2  | 11       | 19       | 13       | 14       | 27.17  | cps   |
| Barium     | 135-1 | 92       | 125      | 83       | 100      | 22.05  | cps   |
| Barium     | 137-1 | 67       | 150      | 200      | 139      | 48.50  | cps   |
| Beryllium  | 9-1   | 22       | 11       | 17       | 17       | 33.33  | cps   |
| Bismuth    | 209-1 | 10732842 | 10452551 | 10531067 | 10572153 | 1.37   | cps   |
| Bismuth    | 209-2 | 6306473  | 6412234  | 6390464  | 6369724  | 0.88   | cps   |
| Boron      | 10-1  | 333      | 375      | 250      | 319      | 19.93  | cps   |
| Boron      | 11-1  | 1533     | 1525     | 1633     | 1564     | 3.85   | cps   |
| Cadmium    | 111-1 | 2175     | 2063     | 2392     | 2210     | 7.57   | cps   |
| Cadmium    | 106-1 | 3100     | 2942     | 3392     | 3145     | 7.26   | cps   |
| Cadmium    | 108-1 | 17       | 13       | 4        | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 700      | 658      | 508      | 622      | 16.20  | cps   |
| Calcium    | 44-1  | 20749    | 21066    | 21075    | 20963    | 0.89   | cps   |
| Chromium   | 52-2  | 1837     | 1673     | 1667     | 1726     | 5.58   | cps   |
| Cobalt     | 59-2  | 130      | 120      | 113      | 121      | 6.92   | cps   |
| Copper     | 63-2  | 1303     | 1607     | 1500     | 1470     | 10.47  | cps   |
| Dysprosium | 156-1 | 25       | 0        | 0        | 8        | 173.21 | cps   |
| Dysprosium | 156-2 | 13       | 7        | 7        | 9        | 43.25  | cps   |
| Erbium     | 164-1 | 42       | 50       | 75       | 56       | 31.22  | cps   |
| Erbium     | 164-2 | 23       | 47       | 13       | 28       | 61.59  | cps   |
| Gadolinium | 160-1 | 75       | 142      | 150      | 122      | 33.64  | cps   |
| Gadolinium | 160-2 | 100      | 180      | 113      | 131      | 32.69  | cps   |
| Holmium    | 165-1 | 16098277 | 15950076 | 15898060 | 15982138 | 0.65   | cps   |
| Holmium    | 165-2 | 8394443  | 8525882  | 8535408  | 8485244  | 0.93   | cps   |
| Indium     | 115-1 | 12652290 | 12222395 | 12139776 | 12338153 | 2.23   | cps   |
| Indium     | 115-2 | 2596224  | 2620475  | 2629839  | 2615512  | 0.66   | cps   |
| Iron       | 56-2  | 7841     | 8125     | 7852     | 7939     | 2.02   | cps   |
| Iron       | 57-2  | 361      | 317      | 433      | 370      | 15.90  | cps   |
| Lead       | 206-1 | 7318425  | 7251732  | 7190347  | 7253501  | 0.88   | cps   |
| Lead       | 207-1 | 6337400  | 6226616  | 6156321  | 6240112  | 1.46   | cps   |
| Lead       | 208-1 | 29315394 | 28872100 | 28739478 | 28975657 | 1.04   | cps   |
| Lithium    | 6-1   | 1698020  | 1680771  | 1645126  | 1674639  | 1.61   | cps   |
| Magnesium  | 24-2  | 358      | 558      | 517      | 478      | 22.09  | cps   |
| Manganese  | 55-2  | 77       | 93       | 93       | 88       | 10.96  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV76               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV76               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:21:14 | DataFile Name :   | 148SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 317      | 342      | 383      | 347      | 9.70   | cps   |
| Molybdenum | 95-1  | 208      | 92       | 167      | 156      | 38.01  | cps   |
| Molybdenum | 96-1  | 217      | 167      | 217      | 200      | 14.43  | cps   |
| Molybdenum | 97-1  | 142      | 117      | 183      | 147      | 22.88  | cps   |
| Molybdenum | 98-1  | 308      | 267      | 200      | 258      | 21.15  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 13       | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 93       | 110      | 117      | 107      | 11.26  | cps   |
| Phosphorus | 31-2  | 183      | 275      | 233      | 231      | 19.91  | cps   |
| Potassium  | 39-2  | 43590    | 42136    | 43381    | 43035    | 1.83   | cps   |
| Rhodium    | 103-1 | 11648089 | 11605530 | 11409679 | 11554433 | 1.10   | cps   |
| Rhodium    | 103-2 | 5659831  | 5780322  | 5809028  | 5749727  | 1.38   | cps   |
| Scandium   | 45-1  | 7720179  | 7673276  | 7636765  | 7676740  | 0.54   | cps   |
| Scandium   | 45-2  | 398080   | 408232   | 405641   | 403984   | 1.31   | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 107      | 80       | 94       | 94       | 14.81  | cps   |
| Selenium   | 82-1  | 61       | 33       | -21      | 24       | 173.76 | cps   |
| Silicon    | 28-1  | 545104   | 541885   | 552857   | 546615   | 1.03   | cps   |
| Silver     | 109-1 | 125      | 58       | 100      | 94       | 35.66  | cps   |
| Silver     | 107-1 | 150      | 108      | 142      | 133      | 16.54  | cps   |
| Sodium     | 23-2  | 39427    | 39712    | 40087    | 39742    | 0.83   | cps   |
| Strontium  | 86-1  | 1809     | 1917     | 1959     | 1895     | 4.09   | cps   |
| Strontium  | 88-1  | 1000     | 1058     | 992      | 1017     | 3.57   | cps   |
| Sulfur     | 34-1  | 447099   | 445891   | 444301   | 445764   | 0.31   | cps   |
| Terbium    | 159-1 | 16489892 | 16327966 | 16246263 | 16354707 | 0.76   | cps   |
| Terbium    | 159-2 | 8461497  | 8622527  | 8685444  | 8589823  | 1.34   | cps   |
| Thallium   | 203-1 | 483      | 350      | 283      | 372      | 27.36  | cps   |
| Thallium   | 205-1 | 892      | 942      | 967      | 933      | 4.09   | cps   |
| Tin        | 118-1 | 1175     | 925      | 1142     | 1081     | 12.56  | cps   |
| Titanium   | 47-1  | 275      | 233      | 175      | 228      | 22.05  | cps   |
| Uranium    | 238-1 | 358      | 375      | 325      | 353      | 7.22   | cps   |
| Vanadium   | 51-2  | 20       | 10       | 33       | 21       | 55.45  | cps   |
| Yttrium    | 89-1  | 12600954 | 12377811 | 12290128 | 12422964 | 1.29   | cps   |
| Yttrium    | 89-2  | 2004237  | 2058059  | 2026832  | 2029709  | 1.33   | cps   |
| Zinc       | 66-2  | 330      | 340      | 323      | 331      | 2.53   | cps   |
| Zirconium  | 90-1  | 650      | 708      | 783      | 714      | 9.36   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV76               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV76               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:21:14 | DataFile Name :   | 148SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 200  | 125  | 144     | 33.80  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB76               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB76               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:24:40 | DataFile Name :   | 149SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 317      | 383      | 258      | 319      | 19.58  | cps   |
| Antimony   | 121-1 | 67       | 50       | 42       | 53       | 24.12  | cps   |
| Arsenic    | 75-2  | 7        | 0        | 6        | 4        | 89.21  | cps   |
| Barium     | 135-1 | 17       | 83       | 58       | 53       | 63.81  | cps   |
| Barium     | 137-1 | 67       | 67       | 75       | 69       | 6.93   | cps   |
| Beryllium  | 9-1   | 11       | 28       | 11       | 17       | 57.75  | cps   |
| Bismuth    | 209-1 | 10903259 | 10959910 | 10856552 | 10906574 | 0.47   | cps   |
| Bismuth    | 209-2 | 6473012  | 6484612  | 6478293  | 6478639  | 0.09   | cps   |
| Boron      | 10-1  | 317      | 250      | 258      | 275      | 13.21  | cps   |
| Boron      | 11-1  | 1275     | 1217     | 1258     | 1250     | 2.40   | cps   |
| Cadmium    | 111-1 | 2227     | 2252     | 2326     | 2268     | 2.27   | cps   |
| Cadmium    | 106-1 | 3184     | 3217     | 3326     | 3242     | 2.28   | cps   |
| Cadmium    | 108-1 | 8        | 0        | 8        | 6        | 86.60  | cps   |
| Calcium    | 43-1  | 367      | 425      | 358      | 383      | 9.48   | cps   |
| Calcium    | 44-1  | 18020    | 17645    | 17253    | 17639    | 2.18   | cps   |
| Chromium   | 52-2  | 1793     | 1703     | 1820     | 1772     | 3.45   | cps   |
| Cobalt     | 59-2  | 100      | 90       | 73       | 88       | 15.35  | cps   |
| Copper     | 63-2  | 1367     | 1370     | 1253     | 1330     | 4.99   | cps   |
| Dysprosium | 156-1 | 0        | 25       | 0        | 8        | 173.21 | cps   |
| Dysprosium | 156-2 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 100      | 67       | 133      | 100      | 33.33  | cps   |
| Erbium     | 164-2 | 23       | 10       | 20       | 18       | 39.03  | cps   |
| Gadolinium | 160-1 | 100      | 50       | 100      | 83       | 34.64  | cps   |
| Gadolinium | 160-2 | 107      | 123      | 123      | 118      | 8.17   | cps   |
| Holmium    | 165-1 | 16587556 | 16356381 | 16451780 | 16465239 | 0.71   | cps   |
| Holmium    | 165-2 | 8660808  | 8595801  | 8660561  | 8639057  | 0.43   | cps   |
| Indium     | 115-1 | 12698282 | 12599011 | 12590328 | 12629207 | 0.47   | cps   |
| Indium     | 115-2 | 2648833  | 2626811  | 2662344  | 2645996  | 0.68   | cps   |
| Iron       | 56-2  | 6457     | 6607     | 6746     | 6604     | 2.19   | cps   |
| Iron       | 57-2  | 428      | 356      | 378      | 387      | 9.56   | cps   |
| Lead       | 206-1 | 1400     | 1478     | 1406     | 1428     | 3.04   | cps   |
| Lead       | 207-1 | 1256     | 1322     | 1111     | 1230     | 8.78   | cps   |
| Lead       | 208-1 | 5523     | 5656     | 5490     | 5556     | 1.59   | cps   |
| Lithium    | 6-1   | 1739826  | 1744839  | 1744188  | 1742951  | 0.16   | cps   |
| Magnesium  | 24-2  | 392      | 475      | 383      | 417      | 12.17  | cps   |
| Manganese  | 55-2  | 83       | 73       | 67       | 74       | 11.26  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB76               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB76               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:24:40 | DataFile Name :   | 149SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 233      | 133      | 275      | 214      | 34.04  | cps   |
| Molybdenum | 95-1  | 42       | 17       | 42       | 33       | 43.30  | cps   |
| Molybdenum | 96-1  | 100      | 75       | 67       | 81       | 21.53  | cps   |
| Molybdenum | 97-1  | 58       | 83       | 142      | 94       | 45.27  | cps   |
| Molybdenum | 98-1  | 42       | 67       | 58       | 56       | 22.91  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 103      | 123      | 90       | 106      | 15.90  | cps   |
| Phosphorus | 31-2  | 250      | 267      | 192      | 236      | 16.68  | cps   |
| Potassium  | 39-2  | 42019    | 41117    | 41968    | 41701    | 1.22   | cps   |
| Rhodium    | 103-1 | 11975449 | 11945977 | 12104889 | 12008772 | 0.70   | cps   |
| Rhodium    | 103-2 | 5850155  | 5851602  | 5874818  | 5858858  | 0.24   | cps   |
| Scandium   | 45-1  | 7834639  | 7847743  | 7972976  | 7885119  | 0.97   | cps   |
| Scandium   | 45-2  | 404917   | 407637   | 412244   | 408266   | 0.91   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 120      | 104      | 119      | 114      | 8.00   | cps   |
| Selenium   | 82-1  | 113      | -34      | -3       | 26       | 303.08 | cps   |
| Silicon    | 28-1  | 548250   | 543307   | 546264   | 545940   | 0.46   | cps   |
| Silver     | 109-1 | 100      | 67       | 58       | 75       | 29.40  | cps   |
| Silver     | 107-1 | 117      | 133      | 167      | 139      | 18.33  | cps   |
| Sodium     | 23-2  | 38701    | 38476    | 38425    | 38534    | 0.38   | cps   |
| Strontium  | 86-1  | 1375     | 1559     | 1842     | 1592     | 14.77  | cps   |
| Strontium  | 88-1  | 1559     | 1467     | 1600     | 1542     | 4.42   | cps   |
| Sulfur     | 34-1  | 454722   | 454851   | 450560   | 453378   | 0.54   | cps   |
| Terbium    | 159-1 | 16982132 | 17073623 | 16867090 | 16974282 | 0.61   | cps   |
| Terbium    | 159-2 | 8582619  | 8617913  | 8600273  | 8600268  | 0.21   | cps   |
| Thallium   | 203-1 | 300      | 242      | 325      | 289      | 14.80  | cps   |
| Thallium   | 205-1 | 642      | 633      | 733      | 669      | 8.29   | cps   |
| Tin        | 118-1 | 8626     | 1233     | 1333     | 3731     | 113.63 | cps   |
| Titanium   | 47-1  | 200      | 83       | 208      | 164      | 42.64  | cps   |
| Uranium    | 238-1 | 83       | 108      | 42       | 78       | 43.30  | cps   |
| Vanadium   | 51-2  | 17       | 23       | 10       | 17       | 39.99  | cps   |
| Yttrium    | 89-1  | 12986891 | 12795427 | 12824165 | 12868828 | 0.80   | cps   |
| Yttrium    | 89-2  | 2066420  | 2047769  | 2048243  | 2054144  | 0.52   | cps   |
| Zinc       | 66-2  | 117      | 97       | 100      | 104      | 10.26  | cps   |
| Zirconium  | 90-1  | 692      | 667      | 650      | 669      | 3.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB76               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB76               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:24:40 | DataFile Name :   | 149SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 117  | 142  | 144     | 20.26  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4653-15 Instrumnet Name : P7  
 Client Sample ID : DC32515-15-FL2-CS-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:28:06 DataFile Name : 150SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1884     | 1684     | 1684     | 1750     | 6.60   | cps   |
| Antimony   | 121-1 | 650      | 608      | 542      | 600      | 9.11   | cps   |
| Arsenic    | 75-2  | 152      | 119      | 130      | 133      | 12.73  | cps   |
| Barium     | 135-1 | 767      | 700      | 833      | 767      | 8.70   | cps   |
| Barium     | 137-1 | 1208     | 1275     | 1100     | 1195     | 7.40   | cps   |
| Beryllium  | 9-1   | 22       | 22       | 39       | 28       | 34.65  | cps   |
| Bismuth    | 209-1 | 11780870 | 11306725 | 11368937 | 11485511 | 2.24   | cps   |
| Bismuth    | 209-2 | 7037979  | 7077208  | 6972978  | 7029388  | 0.75   | cps   |
| Boron      | 10-1  | 8836     | 8770     | 9187     | 8931     | 2.51   | cps   |
| Boron      | 11-1  | 43789    | 44015    | 45386    | 44397    | 1.95   | cps   |
| Cadmium    | 111-1 | 2476     | 2342     | 2567     | 2462     | 4.59   | cps   |
| Cadmium    | 106-1 | 3526     | 3376     | 3676     | 3526     | 4.26   | cps   |
| Cadmium    | 108-1 | 13       | 29       | 8        | 17       | 66.16  | cps   |
| Calcium    | 43-1  | 262066   | 260217   | 258646   | 260310   | 0.66   | cps   |
| Calcium    | 44-1  | 4299510  | 4302893  | 4255173  | 4285859  | 0.62   | cps   |
| Chromium   | 52-2  | 3510     | 3477     | 3671     | 3553     | 2.91   | cps   |
| Cobalt     | 59-2  | 107      | 143      | 107      | 119      | 17.81  | cps   |
| Copper     | 63-2  | 7172     | 7172     | 7352     | 7232     | 1.44   | cps   |
| Dysprosium | 156-1 | 33       | 42       | 17       | 31       | 41.66  | cps   |
| Dysprosium | 156-2 | 13       | 0        | 20       | 11       | 91.66  | cps   |
| Erbium     | 164-1 | 67       | 67       | 83       | 72       | 13.33  | cps   |
| Erbium     | 164-2 | 17       | 53       | 53       | 41       | 51.49  | cps   |
| Gadolinium | 160-1 | 117      | 92       | 167      | 125      | 30.55  | cps   |
| Gadolinium | 160-2 | 130      | 137      | 67       | 111      | 34.77  | cps   |
| Holmium    | 165-1 | 17882563 | 17361956 | 17295921 | 17513480 | 1.83   | cps   |
| Holmium    | 165-2 | 9152088  | 9058785  | 9057270  | 9089381  | 0.60   | cps   |
| Indium     | 115-1 | 13626311 | 13235966 | 13299274 | 13387184 | 1.56   | cps   |
| Indium     | 115-2 | 2755016  | 2743070  | 2771287  | 2756458  | 0.51   | cps   |
| Iron       | 56-2  | 47907    | 47516    | 47581    | 47668    | 0.44   | cps   |
| Iron       | 57-2  | 1689     | 1884     | 1956     | 1843     | 7.49   | cps   |
| Lead       | 206-1 | 1889     | 1678     | 1550     | 1706     | 10.04  | cps   |
| Lead       | 207-1 | 1545     | 1361     | 1717     | 1541     | 11.54  | cps   |
| Lead       | 208-1 | 7484     | 6879     | 6701     | 7021     | 5.85   | cps   |
| Lithium    | 6-1   | 1897817  | 1847638  | 1844246  | 1863234  | 1.61   | cps   |
| Magnesium  | 24-2  | 540411   | 543707   | 535651   | 539923   | 0.75   | cps   |
| Manganese  | 55-2  | 3217     | 3384     | 3380     | 3327     | 2.86   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-15-FL2-CS-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:28:06  | DataFile Name :   | 150SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 733      | 642      | 700      | 692      | 6.71   | cps   |
| Molybdenum | 95-1  | 483      | 492      | 500      | 492      | 1.70   | cps   |
| Molybdenum | 96-1  | 633      | 750      | 600      | 661      | 11.91  | cps   |
| Molybdenum | 97-1  | 367      | 333      | 333      | 344      | 5.59   | cps   |
| Molybdenum | 98-1  | 633      | 667      | 725      | 675      | 6.88   | cps   |
| Neodymium  | 150-1 | 47       | 33       | 27       | 36       | 28.64  | cps   |
| Neodymium  | 150-2 | 10       | 10       | 7        | 9        | 21.63  | cps   |
| Nickel     | 60-2  | 1640     | 1723     | 1560     | 1641     | 4.98   | cps   |
| Phosphorus | 31-2  | 8469     | 9036     | 9003     | 8836     | 3.60   | cps   |
| Potassium  | 39-2  | 290153   | 291452   | 296549   | 292718   | 1.15   | cps   |
| Rhodium    | 103-1 | 12815580 | 12490436 | 12645661 | 12650559 | 1.29   | cps   |
| Rhodium    | 103-2 | 6246845  | 6270635  | 6242030  | 6253170  | 0.24   | cps   |
| Scandium   | 45-1  | 8497026  | 8268155  | 8280426  | 8348536  | 1.54   | cps   |
| Scandium   | 45-2  | 422291   | 427779   | 424924   | 424998   | 0.65   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 81       | 76       | 100      | 86       | 14.69  | cps   |
| Selenium   | 82-1  | 87       | -11      | 179      | 85       | 111.59 | cps   |
| Silicon    | 28-1  | 19424948 | 19082560 | 19021882 | 19176463 | 1.13   | cps   |
| Silver     | 109-1 | 58       | 83       | 67       | 69       | 18.33  | cps   |
| Silver     | 107-1 | 117      | 75       | 150      | 114      | 33.00  | cps   |
| Sodium     | 23-2  | 9459213  | 9406359  | 9331984  | 9399185  | 0.68   | cps   |
| Strontium  | 86-1  | 58621    | 59390    | 58077    | 58696    | 1.12   | cps   |
| Strontium  | 88-1  | 498424   | 503089   | 487404   | 496306   | 1.62   | cps   |
| Sulfur     | 34-1  | 541360   | 544756   | 542351   | 542822   | 0.32   | cps   |
| Terbium    | 159-1 | 18123889 | 17733556 | 17942973 | 17933473 | 1.09   | cps   |
| Terbium    | 159-2 | 9080414  | 9046362  | 9044680  | 9057152  | 0.22   | cps   |
| Thallium   | 203-1 | 308      | 433      | 300      | 347      | 21.51  | cps   |
| Thallium   | 205-1 | 833      | 817      | 683      | 778      | 10.57  | cps   |
| Tin        | 118-1 | 617      | 817      | 867      | 767      | 17.26  | cps   |
| Titanium   | 47-1  | 2009     | 1809     | 1992     | 1936     | 5.73   | cps   |
| Uranium    | 238-1 | 142      | 92       | 142      | 125      | 23.09  | cps   |
| Vanadium   | 51-2  | 520      | 553      | 540      | 538      | 3.12   | cps   |
| Yttrium    | 89-1  | 13820604 | 13638045 | 13638721 | 13699123 | 0.77   | cps   |
| Yttrium    | 89-2  | 2159997  | 2152258  | 2141505  | 2151254  | 0.43   | cps   |
| Zinc       | 66-2  | 997      | 873      | 860      | 910      | 8.28   | cps   |
| Zirconium  | 90-1  | 1308     | 1308     | 1317     | 1311     | 0.37   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-15-FL2-CS-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:28:06  | DataFile Name :   | 150SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 233  | 133  | 183     | 27.27  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-16-FL2-CS-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:31:31  | DataFile Name :   | 151SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 533      | 542      | 667      | 581      | 12.87  | cps   |
| Antimony   | 121-1 | 575      | 592      | 692      | 619      | 10.19  | cps   |
| Arsenic    | 75-2  | 159      | 144      | 170      | 158      | 8.23   | cps   |
| Barium     | 135-1 | 708      | 575      | 833      | 706      | 18.31  | cps   |
| Barium     | 137-1 | 1292     | 1133     | 1233     | 1220     | 6.57   | cps   |
| Beryllium  | 9-1   | 17       | 11       | 6        | 11       | 49.99  | cps   |
| Bismuth    | 209-1 | 11633818 | 11760102 | 11670879 | 11688266 | 0.56   | cps   |
| Bismuth    | 209-2 | 7137713  | 7244051  | 7086404  | 7156056  | 1.12   | cps   |
| Boron      | 10-1  | 8945     | 9545     | 9937     | 9476     | 5.27   | cps   |
| Boron      | 11-1  | 45804    | 45813    | 46614    | 46077    | 1.01   | cps   |
| Cadmium    | 111-1 | 2297     | 2518     | 2606     | 2474     | 6.44   | cps   |
| Cadmium    | 106-1 | 3301     | 3601     | 3734     | 3545     | 6.26   | cps   |
| Cadmium    | 108-1 | 25       | 21       | 17       | 21       | 19.99  | cps   |
| Calcium    | 43-1  | 256381   | 254424   | 256049   | 255618   | 0.41   | cps   |
| Calcium    | 44-1  | 4192236  | 4268640  | 4226037  | 4228971  | 0.91   | cps   |
| Chromium   | 52-2  | 2057     | 2210     | 2277     | 2181     | 5.17   | cps   |
| Cobalt     | 59-2  | 120      | 117      | 150      | 129      | 14.24  | cps   |
| Copper     | 63-2  | 6478     | 6642     | 6128     | 6416     | 4.09   | cps   |
| Dysprosium | 156-1 | 42       | 8        | 33       | 28       | 62.46  | cps   |
| Dysprosium | 156-2 | 13       | 20       | 0        | 11       | 91.66  | cps   |
| Erbium     | 164-1 | 117      | 50       | 117      | 94       | 40.76  | cps   |
| Erbium     | 164-2 | 33       | 50       | 57       | 47       | 25.76  | cps   |
| Gadolinium | 160-1 | 100      | 208      | 117      | 142      | 41.17  | cps   |
| Gadolinium | 160-2 | 100      | 120      | 133      | 118      | 14.25  | cps   |
| Holmium    | 165-1 | 17904093 | 17673243 | 17509810 | 17695715 | 1.12   | cps   |
| Holmium    | 165-2 | 9115390  | 9128002  | 8985167  | 9076186  | 0.87   | cps   |
| Indium     | 115-1 | 13490589 | 13332451 | 13379325 | 13400788 | 0.61   | cps   |
| Indium     | 115-2 | 2773476  | 2791046  | 2759491  | 2774671  | 0.57   | cps   |
| Iron       | 56-2  | 32709    | 32676    | 33456    | 32947    | 1.34   | cps   |
| Iron       | 57-2  | 1317     | 1417     | 1661     | 1465     | 12.10  | cps   |
| Lead       | 206-1 | 1483     | 1539     | 1495     | 1506     | 1.95   | cps   |
| Lead       | 207-1 | 1145     | 1300     | 1289     | 1245     | 6.97   | cps   |
| Lead       | 208-1 | 5940     | 5951     | 6173     | 6021     | 2.19   | cps   |
| Lithium    | 6-1   | 1886253  | 1846636  | 1870156  | 1867682  | 1.07   | cps   |
| Magnesium  | 24-2  | 541369   | 533635   | 537534   | 537513   | 0.72   | cps   |
| Manganese  | 55-2  | 2790     | 2850     | 2707     | 2783     | 2.59   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-16-FL2-CS-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:31:31  | DataFile Name :   | 151SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 700      | 758      | 642      | 700      | 8.33   | cps   |
| Molybdenum | 95-1  | 508      | 458      | 383      | 450      | 13.98  | cps   |
| Molybdenum | 96-1  | 508      | 542      | 517      | 522      | 3.32   | cps   |
| Molybdenum | 97-1  | 317      | 400      | 433      | 383      | 15.68  | cps   |
| Molybdenum | 98-1  | 600      | 675      | 658      | 644      | 6.11   | cps   |
| Neodymium  | 150-1 | 27       | 40       | 0        | 22       | 91.65  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 17       | 9        | 78.08  | cps   |
| Nickel     | 60-2  | 607      | 750      | 643      | 667      | 11.17  | cps   |
| Phosphorus | 31-2  | 9095     | 8586     | 8169     | 8617     | 5.38   | cps   |
| Potassium  | 39-2  | 289549   | 290592   | 289626   | 289923   | 0.20   | cps   |
| Rhodium    | 103-1 | 12826535 | 12653633 | 12643067 | 12707745 | 0.81   | cps   |
| Rhodium    | 103-2 | 6164809  | 6297443  | 6192211  | 6218155  | 1.13   | cps   |
| Scandium   | 45-1  | 8408781  | 8420403  | 8420936  | 8416707  | 0.08   | cps   |
| Scandium   | 45-2  | 428533   | 438269   | 428020   | 431608   | 1.34   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 96       | 85       | 100      | 94       | 8.21   | cps   |
| Selenium   | 82-1  | -36      | 29       | 69       | 20       | 258.67 | cps   |
| Silicon    | 28-1  | 19024078 | 18974483 | 18924127 | 18974229 | 0.26   | cps   |
| Silver     | 109-1 | 67       | 83       | 42       | 64       | 32.83  | cps   |
| Silver     | 107-1 | 100      | 100      | 133      | 111      | 17.32  | cps   |
| Sodium     | 23-2  | 9412690  | 9418654  | 9343815  | 9391720  | 0.44   | cps   |
| Strontium  | 86-1  | 58654    | 55718    | 57357    | 57243    | 2.57   | cps   |
| Strontium  | 88-1  | 504418   | 496020   | 492983   | 497807   | 1.19   | cps   |
| Sulfur     | 34-1  | 528870   | 534935   | 538131   | 533978   | 0.88   | cps   |
| Terbium    | 159-1 | 18160586 | 18111472 | 18132549 | 18134869 | 0.14   | cps   |
| Terbium    | 159-2 | 9131805  | 9191416  | 9086377  | 9136533  | 0.58   | cps   |
| Thallium   | 203-1 | 283      | 392      | 383      | 353      | 17.09  | cps   |
| Thallium   | 205-1 | 842      | 583      | 808      | 745      | 18.88  | cps   |
| Tin        | 118-1 | 558      | 558      | 392      | 503      | 19.14  | cps   |
| Titanium   | 47-1  | 1925     | 2067     | 1925     | 1972     | 4.15   | cps   |
| Uranium    | 238-1 | 133      | 133      | 142      | 136      | 3.54   | cps   |
| Vanadium   | 51-2  | 570      | 580      | 510      | 553      | 6.84   | cps   |
| Yttrium    | 89-1  | 13843639 | 13754221 | 13721623 | 13773161 | 0.46   | cps   |
| Yttrium    | 89-2  | 2157958  | 2172941  | 2150903  | 2160600  | 0.52   | cps   |
| Zinc       | 66-2  | 673      | 740      | 747      | 720      | 5.63   | cps   |
| Zirconium  | 90-1  | 1383     | 1217     | 1225     | 1275     | 7.37   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4653-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC32515-16-FL2-CS-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:31:31  | DataFile Name :   | 151SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 333  | 275  | 250  | 286     | 14.95  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4615-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-10-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:34:55   | DataFile Name :   | 152SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1450     | 1342     | 1392     | 1395     | 3.89   | cps   |
| Antimony   | 121-1 | 708      | 575      | 758      | 681      | 13.93  | cps   |
| Arsenic    | 75-2  | 150      | 167      | 174      | 164      | 7.54   | cps   |
| Barium     | 135-1 | 700      | 950      | 858      | 836      | 15.13  | cps   |
| Barium     | 137-1 | 1500     | 1483     | 1308     | 1431     | 7.42   | cps   |
| Beryllium  | 9-1   | 17       | 0        | 33       | 17       | 99.99  | cps   |
| Bismuth    | 209-1 | 11821611 | 12017062 | 12092779 | 11977151 | 1.17   | cps   |
| Bismuth    | 209-2 | 7420333  | 7449283  | 7510536  | 7460051  | 0.62   | cps   |
| Boron      | 10-1  | 9553     | 9487     | 8886     | 9309     | 3.95   | cps   |
| Boron      | 11-1  | 47041    | 46498    | 47660    | 47066    | 1.24   | cps   |
| Cadmium    | 111-1 | 2705     | 2614     | 2280     | 2533     | 8.85   | cps   |
| Cadmium    | 106-1 | 3859     | 3709     | 3259     | 3609     | 8.65   | cps   |
| Cadmium    | 108-1 | 13       | 4        | 8        | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 290593   | 289606   | 289160   | 289786   | 0.25   | cps   |
| Calcium    | 44-1  | 4912229  | 4850753  | 4866620  | 4876534  | 0.65   | cps   |
| Chromium   | 52-2  | 2960     | 3024     | 3110     | 3031     | 2.49   | cps   |
| Cobalt     | 59-2  | 73       | 123      | 137      | 111      | 30.05  | cps   |
| Copper     | 63-2  | 7159     | 7155     | 7205     | 7173     | 0.39   | cps   |
| Dysprosium | 156-1 | 58       | 8        | 42       | 36       | 70.51  | cps   |
| Dysprosium | 156-2 | 17       | 33       | 20       | 23       | 37.78  | cps   |
| Erbium     | 164-1 | 75       | 83       | 50       | 69       | 24.98  | cps   |
| Erbium     | 164-2 | 37       | 43       | 60       | 47       | 25.75  | cps   |
| Gadolinium | 160-1 | 142      | 100      | 142      | 128      | 18.83  | cps   |
| Gadolinium | 160-2 | 123      | 173      | 150      | 149      | 16.80  | cps   |
| Holmium    | 165-1 | 19236243 | 19221662 | 18827547 | 19095151 | 1.21   | cps   |
| Holmium    | 165-2 | 9867828  | 9805380  | 9791985  | 9821731  | 0.41   | cps   |
| Indium     | 115-1 | 14781109 | 14457902 | 14436663 | 14558558 | 1.33   | cps   |
| Indium     | 115-2 | 2970562  | 2954345  | 2981119  | 2968675  | 0.45   | cps   |
| Iron       | 56-2  | 38150    | 40770    | 39679    | 39533    | 3.33   | cps   |
| Iron       | 57-2  | 1856     | 1861     | 1739     | 1819     | 3.79   | cps   |
| Lead       | 206-1 | 1928     | 1972     | 1945     | 1948     | 1.15   | cps   |
| Lead       | 207-1 | 1611     | 1822     | 1617     | 1683     | 7.15   | cps   |
| Lead       | 208-1 | 7590     | 7868     | 7584     | 7681     | 2.11   | cps   |
| Lithium    | 6-1   | 2045189  | 2018383  | 2029273  | 2030948  | 0.66   | cps   |
| Magnesium  | 24-2  | 590543   | 584897   | 591051   | 588830   | 0.58   | cps   |
| Manganese  | 55-2  | 3157     | 3250     | 3197     | 3202     | 1.46   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4615-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-10-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:34:55   | DataFile Name :   | 152SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 867      | 683      | 750      | 767      | 12.10  | cps   |
| Molybdenum | 95-1  | 417      | 408      | 400      | 408      | 2.04   | cps   |
| Molybdenum | 96-1  | 675      | 658      | 592      | 642      | 6.87   | cps   |
| Molybdenum | 97-1  | 375      | 433      | 342      | 383      | 12.10  | cps   |
| Molybdenum | 98-1  | 850      | 625      | 908      | 795      | 18.83  | cps   |
| Neodymium  | 150-1 | 13       | 20       | 27       | 20       | 33.35  | cps   |
| Neodymium  | 150-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Nickel     | 60-2  | 790      | 903      | 817      | 837      | 7.08   | cps   |
| Phosphorus | 31-2  | 9704     | 9637     | 9462     | 9601     | 1.30   | cps   |
| Potassium  | 39-2  | 317519   | 317608   | 317232   | 317453   | 0.06   | cps   |
| Rhodium    | 103-1 | 13852392 | 13702975 | 13533686 | 13696351 | 1.16   | cps   |
| Rhodium    | 103-2 | 6676895  | 6604975  | 6691994  | 6657955  | 0.70   | cps   |
| Scandium   | 45-1  | 8988509  | 9004585  | 9015007  | 9002700  | 0.15   | cps   |
| Scandium   | 45-2  | 458056   | 460898   | 458982   | 459312   | 0.32   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 98       | 135      | 76       | 103      | 29.04  | cps   |
| Selenium   | 82-1  | 71       | 59       | 67       | 66       | 9.57   | cps   |
| Silicon    | 28-1  | 21083180 | 21187031 | 20961620 | 21077277 | 0.54   | cps   |
| Silver     | 109-1 | 58       | 83       | 50       | 64       | 27.15  | cps   |
| Silver     | 107-1 | 117      | 225      | 217      | 186      | 32.40  | cps   |
| Sodium     | 23-2  | 10350332 | 10306923 | 10434978 | 10364077 | 0.63   | cps   |
| Strontium  | 86-1  | 65216    | 63524    | 63993    | 64244    | 1.36   | cps   |
| Strontium  | 88-1  | 567142   | 549923   | 553000   | 556688   | 1.65   | cps   |
| Sulfur     | 34-1  | 527005   | 523202   | 522793   | 524333   | 0.44   | cps   |
| Terbium    | 159-1 | 19556676 | 19378611 | 19307667 | 19414318 | 0.66   | cps   |
| Terbium    | 159-2 | 9786452  | 9751659  | 9807137  | 9781749  | 0.29   | cps   |
| Thallium   | 203-1 | 267      | 275      | 258      | 267      | 3.13   | cps   |
| Thallium   | 205-1 | 575      | 658      | 667      | 633      | 8.00   | cps   |
| Tin        | 118-1 | 525      | 475      | 625      | 542      | 14.10  | cps   |
| Titanium   | 47-1  | 1859     | 1934     | 2200     | 1997     | 8.99   | cps   |
| Uranium    | 238-1 | 158      | 92       | 117      | 122      | 27.56  | cps   |
| Vanadium   | 51-2  | 577      | 550      | 557      | 561      | 2.47   | cps   |
| Yttrium    | 89-1  | 14981690 | 14758548 | 14686679 | 14808972 | 1.04   | cps   |
| Yttrium    | 89-2  | 2304399  | 2314556  | 2318200  | 2312385  | 0.31   | cps   |
| Zinc       | 66-2  | 3114     | 3124     | 3044     | 3094     | 1.41   | cps   |
| Zirconium  | 90-1  | 1500     | 1208     | 1242     | 1317     | 12.13  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4615-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-10-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:34:55   | DataFile Name :   | 152SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 225  | 300  | 250     | 17.32  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV78               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV78               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:38:20 | DataFile Name :   | 153SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 875      | 2418     | 883      | 1392     | 63.82  | cps   |
| Antimony   | 121-1 | 133      | 125      | 75       | 111      | 28.40  | cps   |
| Arsenic    | 75-2  | 19       | 11       | 11       | 14       | 31.50  | cps   |
| Barium     | 135-1 | 50       | 83       | 58       | 64       | 27.15  | cps   |
| Barium     | 137-1 | 50       | 92       | 83       | 75       | 29.40  | cps   |
| Beryllium  | 9-1   | 6        | 17       | 28       | 17       | 66.65  | cps   |
| Bismuth    | 209-1 | 10910655 | 10820242 | 10716538 | 10815812 | 0.90   | cps   |
| Bismuth    | 209-2 | 6281901  | 6807222  | 6570039  | 6553054  | 4.01   | cps   |
| Boron      | 10-1  | 1183     | 983      | 942      | 1036     | 12.47  | cps   |
| Boron      | 11-1  | 5034     | 4534     | 4876     | 4815     | 5.31   | cps   |
| Cadmium    | 111-1 | 2130     | 2435     | 2351     | 2306     | 6.83   | cps   |
| Cadmium    | 106-1 | 3034     | 3484     | 3367     | 3295     | 7.09   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 8        | 11       | 43.34  | cps   |
| Calcium    | 43-1  | 833      | 775      | 717      | 775      | 7.53   | cps   |
| Calcium    | 44-1  | 21141    | 21350    | 22117    | 21536    | 2.39   | cps   |
| Chromium   | 52-2  | 1743     | 1703     | 1743     | 1730     | 1.33   | cps   |
| Cobalt     | 59-2  | 113      | 153      | 103      | 123      | 21.45  | cps   |
| Copper     | 63-2  | 1483     | 1570     | 1533     | 1529     | 2.85   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 0        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 42       | 50       | 67       | 53       | 24.12  | cps   |
| Erbium     | 164-2 | 30       | 23       | 10       | 21       | 48.24  | cps   |
| Gadolinium | 160-1 | 125      | 58       | 100      | 94       | 35.66  | cps   |
| Gadolinium | 160-2 | 110      | 110      | 107      | 109      | 1.77   | cps   |
| Holmium    | 165-1 | 16080228 | 16043455 | 16177805 | 16100496 | 0.43   | cps   |
| Holmium    | 165-2 | 8564478  | 8638239  | 8659071  | 8620596  | 0.58   | cps   |
| Indium     | 115-1 | 12491613 | 12488858 | 12460861 | 12480444 | 0.14   | cps   |
| Indium     | 115-2 | 2573574  | 2645258  | 2643316  | 2620716  | 1.56   | cps   |
| Iron       | 56-2  | 7691     | 7513     | 8158     | 7787     | 4.28   | cps   |
| Iron       | 57-2  | 367      | 456      | 356      | 393      | 13.96  | cps   |
| Lead       | 206-1 | 7342599  | 7424728  | 7453693  | 7407007  | 0.78   | cps   |
| Lead       | 207-1 | 6697322  | 6410772  | 6735575  | 6614556  | 2.68   | cps   |
| Lead       | 208-1 | 30015738 | 29679779 | 30055033 | 29916850 | 0.69   | cps   |
| Lithium    | 6-1   | 1710025  | 1714730  | 1688217  | 1704324  | 0.83   | cps   |
| Magnesium  | 24-2  | 558      | 392      | 467      | 472      | 17.68  | cps   |
| Manganese  | 55-2  | 137      | 123      | 120      | 127      | 6.96   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV78               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV78               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:38:20 | DataFile Name :   | 153SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 350      | 325      | 400      | 358      | 10.66  | cps   |
| Molybdenum | 95-1  | 225      | 133      | 133      | 164      | 32.29  | cps   |
| Molybdenum | 96-1  | 192      | 258      | 183      | 211      | 19.47  | cps   |
| Molybdenum | 97-1  | 158      | 208      | 108      | 158      | 31.58  | cps   |
| Molybdenum | 98-1  | 250      | 242      | 283      | 258      | 8.54   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 13       | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 150      | 113      | 130      | 131      | 14.00  | cps   |
| Phosphorus | 31-2  | 358      | 192      | 158      | 236      | 45.38  | cps   |
| Potassium  | 39-2  | 43130    | 42478    | 43774    | 43128    | 1.50   | cps   |
| Rhodium    | 103-1 | 11772760 | 11648351 | 11799847 | 11740320 | 0.69   | cps   |
| Rhodium    | 103-2 | 5674728  | 6035304  | 5820767  | 5843600  | 3.10   | cps   |
| Scandium   | 45-1  | 7744896  | 7721611  | 7600224  | 7688910  | 1.01   | cps   |
| Scandium   | 45-2  | 394958   | 413185   | 410694   | 406279   | 2.43   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 98       | 111      | 87       | 99       | 12.20  | cps   |
| Selenium   | 82-1  | 124      | -102     | 23       | 15       | 755.15 | cps   |
| Silicon    | 28-1  | 548429   | 548345   | 550381   | 549052   | 0.21   | cps   |
| Silver     | 109-1 | 133      | 100      | 75       | 103      | 28.48  | cps   |
| Silver     | 107-1 | 58       | 125      | 142      | 108      | 40.70  | cps   |
| Sodium     | 23-2  | 41291    | 40681    | 40230    | 40734    | 1.31   | cps   |
| Strontium  | 86-1  | 1667     | 1450     | 1625     | 1581     | 7.27   | cps   |
| Strontium  | 88-1  | 1300     | 1008     | 1108     | 1139     | 13.01  | cps   |
| Sulfur     | 34-1  | 435169   | 434261   | 430852   | 433427   | 0.53   | cps   |
| Terbium    | 159-1 | 16776461 | 16768574 | 16542752 | 16695929 | 0.79   | cps   |
| Terbium    | 159-2 | 8468682  | 8624551  | 8685493  | 8592909  | 1.30   | cps   |
| Thallium   | 203-1 | 442      | 358      | 358      | 386      | 12.46  | cps   |
| Thallium   | 205-1 | 1025     | 1000     | 775      | 933      | 14.75  | cps   |
| Tin        | 118-1 | 1033     | 1133     | 1283     | 1150     | 10.94  | cps   |
| Titanium   | 47-1  | 208      | 283      | 192      | 228      | 21.44  | cps   |
| Uranium    | 238-1 | 517      | 450      | 283      | 417      | 28.84  | cps   |
| Vanadium   | 51-2  | 43       | 20       | 30       | 31       | 37.62  | cps   |
| Yttrium    | 89-1  | 12707793 | 12557097 | 12560586 | 12608492 | 0.68   | cps   |
| Yttrium    | 89-2  | 1997710  | 2056621  | 2044749  | 2033027  | 1.53   | cps   |
| Zinc       | 66-2  | 377      | 393      | 403      | 391      | 3.44   | cps   |
| Zirconium  | 90-1  | 942      | 800      | 767      | 836      | 11.11  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV78               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV78               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:38:20 | DataFile Name :   | 153SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 158  | 200  | 178     | 11.79  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB78               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB78               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:41:45 | DataFile Name :   | 154SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 300      | 408      | 433      | 381      | 18.62  | cps   |
| Antimony   | 121-1 | 75       | 17       | 50       | 47       | 61.97  | cps   |
| Arsenic    | 75-2  | 2        | 15       | 4        | 7        | 103.29 | cps   |
| Barium     | 135-1 | 75       | 108      | 50       | 78       | 37.63  | cps   |
| Barium     | 137-1 | 75       | 83       | 133      | 97       | 32.45  | cps   |
| Beryllium  | 9-1   | 11       | 17       | 11       | 13       | 24.76  | cps   |
| Bismuth    | 209-1 | 10693292 | 10727721 | 10688111 | 10703041 | 0.20   | cps   |
| Bismuth    | 209-2 | 6390706  | 6395167  | 6434773  | 6406882  | 0.38   | cps   |
| Boron      | 10-1  | 667      | 575      | 592      | 611      | 7.99   | cps   |
| Boron      | 11-1  | 3242     | 2884     | 2884     | 3003     | 6.89   | cps   |
| Cadmium    | 111-1 | 2330     | 2346     | 2187     | 2288     | 3.82   | cps   |
| Cadmium    | 106-1 | 3359     | 3359     | 3125     | 3281     | 4.11   | cps   |
| Cadmium    | 108-1 | 42       | 25       | 13       | 26       | 55.46  | cps   |
| Calcium    | 43-1  | 467      | 533      | 500      | 500      | 6.67   | cps   |
| Calcium    | 44-1  | 17928    | 19297    | 18404    | 18543    | 3.75   | cps   |
| Chromium   | 52-2  | 1743     | 1800     | 1830     | 1791     | 2.46   | cps   |
| Cobalt     | 59-2  | 103      | 57       | 83       | 81       | 28.86  | cps   |
| Copper     | 63-2  | 1407     | 1320     | 1353     | 1360     | 3.21   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 0        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 83       | 83       | 75       | 81       | 5.98   | cps   |
| Erbium     | 164-2 | 23       | 33       | 37       | 31       | 22.31  | cps   |
| Gadolinium | 160-1 | 92       | 108      | 58       | 86       | 29.56  | cps   |
| Gadolinium | 160-2 | 127      | 140      | 90       | 119      | 21.78  | cps   |
| Holmium    | 165-1 | 16028694 | 16069665 | 16170408 | 16089589 | 0.45   | cps   |
| Holmium    | 165-2 | 8596590  | 8551698  | 8527275  | 8558521  | 0.41   | cps   |
| Indium     | 115-1 | 12519948 | 12478275 | 12403564 | 12467262 | 0.47   | cps   |
| Indium     | 115-2 | 2603281  | 2603065  | 2613505  | 2606617  | 0.23   | cps   |
| Iron       | 56-2  | 5862     | 5685     | 6013     | 5853     | 2.80   | cps   |
| Iron       | 57-2  | 272      | 283      | 261      | 272      | 4.08   | cps   |
| Lead       | 206-1 | 1422     | 1156     | 1211     | 1263     | 11.14  | cps   |
| Lead       | 207-1 | 1122     | 1233     | 1139     | 1165     | 5.14   | cps   |
| Lead       | 208-1 | 5078     | 5317     | 5145     | 5180     | 2.38   | cps   |
| Lithium    | 6-1   | 1680635  | 1695262  | 1698815  | 1691570  | 0.57   | cps   |
| Magnesium  | 24-2  | 558      | 525      | 575      | 553      | 4.61   | cps   |
| Manganese  | 55-2  | 107      | 93       | 97       | 99       | 7.02   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB78               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB78               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:41:45 | DataFile Name :   | 154SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 217      | 283      | 200      | 233      | 18.90   | cps   |
| Molybdenum | 95-1  | 17       | 50       | 8        | 25       | 88.19   | cps   |
| Molybdenum | 96-1  | 75       | 100      | 58       | 78       | 26.96   | cps   |
| Molybdenum | 97-1  | 142      | 75       | 117      | 111      | 30.31   | cps   |
| Molybdenum | 98-1  | 33       | 17       | 42       | 31       | 41.66   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 7        | 7        | 99.98   | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 200      | 167      | 180      | 182      | 9.21    | cps   |
| Phosphorus | 31-2  | 183      | 192      | 208      | 194      | 6.55    | cps   |
| Potassium  | 39-2  | 41309    | 41893    | 41927    | 41710    | 0.83    | cps   |
| Rhodium    | 103-1 | 11735559 | 11785784 | 11707589 | 11742977 | 0.34    | cps   |
| Rhodium    | 103-2 | 5749539  | 5723871  | 5761784  | 5745064  | 0.34    | cps   |
| Scandium   | 45-1  | 7755835  | 7771253  | 7717016  | 7748034  | 0.36    | cps   |
| Scandium   | 45-2  | 402589   | 405098   | 408070   | 405252   | 0.68    | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21  | cps   |
| Selenium   | 78-2  | 98       | 67       | 126      | 97       | 30.59   | cps   |
| Selenium   | 82-1  | 17       | 39       | -188     | -44      | -283.92 | cps   |
| Silicon    | 28-1  | 544011   | 543145   | 536579   | 541245   | 0.75    | cps   |
| Silver     | 109-1 | 100      | 83       | 83       | 89       | 10.83   | cps   |
| Silver     | 107-1 | 125      | 125      | 133      | 128      | 3.76    | cps   |
| Sodium     | 23-2  | 38325    | 38943    | 38066    | 38445    | 1.17    | cps   |
| Strontium  | 86-1  | 1792     | 1567     | 1750     | 1703     | 7.03    | cps   |
| Strontium  | 88-1  | 1500     | 1558     | 1567     | 1542     | 2.36    | cps   |
| Sulfur     | 34-1  | 440996   | 431401   | 438162   | 436853   | 1.13    | cps   |
| Terbium    | 159-1 | 16567464 | 16544475 | 16473035 | 16528325 | 0.30    | cps   |
| Terbium    | 159-2 | 8476682  | 8553708  | 8525128  | 8518506  | 0.46    | cps   |
| Thallium   | 203-1 | 267      | 233      | 192      | 231      | 16.30   | cps   |
| Thallium   | 205-1 | 675      | 508      | 742      | 642      | 18.73   | cps   |
| Tin        | 118-1 | 1242     | 1275     | 1375     | 1297     | 5.35    | cps   |
| Titanium   | 47-1  | 200      | 142      | 200      | 181      | 18.65   | cps   |
| Uranium    | 238-1 | 58       | 50       | 50       | 53       | 9.12    | cps   |
| Vanadium   | 51-2  | 13       | 13       | 20       | 16       | 24.76   | cps   |
| Yttrium    | 89-1  | 12693889 | 12634806 | 12577242 | 12635312 | 0.46    | cps   |
| Yttrium    | 89-2  | 2016409  | 2018877  | 2025555  | 2020280  | 0.23    | cps   |
| Zinc       | 66-2  | 137      | 100      | 133      | 123      | 16.44   | cps   |
| Zirconium  | 90-1  | 617      | 675      | 675      | 656      | 5.14    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB78               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB78               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:41:45 | DataFile Name :   | 154SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 92   | 150  | 122     | 23.95  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101370BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101370BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:45:12 | DataFile Name :   | 155SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 417      | 275      | 325      | 339      | 21.20  | cps   |
| Antimony   | 121-1 | 67       | 33       | 117      | 72       | 58.08  | cps   |
| Arsenic    | 75-2  | 9        | 7        | 9        | 9        | 12.36  | cps   |
| Barium     | 135-1 | 83       | 25       | 67       | 58       | 51.51  | cps   |
| Barium     | 137-1 | 108      | 58       | 92       | 86       | 29.56  | cps   |
| Beryllium  | 9-1   | 22       | 11       | 17       | 17       | 33.33  | cps   |
| Bismuth    | 209-1 | 10784682 | 10725136 | 10766759 | 10758859 | 0.28   | cps   |
| Bismuth    | 209-2 | 6455893  | 6455513  | 6432266  | 6447890  | 0.21   | cps   |
| Boron      | 10-1  | 400      | 417      | 458      | 425      | 7.07   | cps   |
| Boron      | 11-1  | 2400     | 2342     | 2284     | 2342     | 2.49   | cps   |
| Cadmium    | 111-1 | 2159     | 2141     | 2240     | 2180     | 2.43   | cps   |
| Cadmium    | 106-1 | 3092     | 3075     | 3209     | 3125     | 2.32   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 8        | 11       | 43.34  | cps   |
| Calcium    | 43-1  | 325      | 433      | 442      | 400      | 16.27  | cps   |
| Calcium    | 44-1  | 17736    | 18246    | 17353    | 17778    | 2.52   | cps   |
| Chromium   | 52-2  | 1790     | 1777     | 1803     | 1790     | 0.75   | cps   |
| Cobalt     | 59-2  | 100      | 93       | 67       | 87       | 20.35  | cps   |
| Copper     | 63-2  | 1283     | 1313     | 1360     | 1319     | 2.93   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 8        | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 7        | 10       | 3        | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 100      | 67       | 117      | 94       | 26.96  | cps   |
| Erbium     | 164-2 | 27       | 23       | 27       | 26       | 7.55   | cps   |
| Gadolinium | 160-1 | 67       | 75       | 117      | 86       | 31.11  | cps   |
| Gadolinium | 160-2 | 113      | 90       | 120      | 108      | 14.62  | cps   |
| Holmium    | 165-1 | 16155468 | 16026528 | 16241809 | 16141268 | 0.67   | cps   |
| Holmium    | 165-2 | 8644723  | 8556078  | 8608954  | 8603252  | 0.52   | cps   |
| Indium     | 115-1 | 12404537 | 12336783 | 12343997 | 12361772 | 0.30   | cps   |
| Indium     | 115-2 | 2614760  | 2640331  | 2642257  | 2632450  | 0.58   | cps   |
| Iron       | 56-2  | 5590     | 5418     | 5340     | 5449     | 2.35   | cps   |
| Iron       | 57-2  | 306      | 261      | 289      | 285      | 7.87   | cps   |
| Lead       | 206-1 | 961      | 1272     | 1106     | 1113     | 13.99  | cps   |
| Lead       | 207-1 | 1039     | 1378     | 1006     | 1141     | 18.07  | cps   |
| Lead       | 208-1 | 4195     | 5719     | 4378     | 4764     | 17.46  | cps   |
| Lithium    | 6-1   | 1708798  | 1704392  | 1706947  | 1706712  | 0.13   | cps   |
| Magnesium  | 24-2  | 433      | 433      | 425      | 431      | 1.12   | cps   |
| Manganese  | 55-2  | 63       | 70       | 80       | 71       | 11.80  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101370BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101370BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:45:12 | DataFile Name :   | 155SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 267      | 200      | 225      | 231      | 14.61   | cps   |
| Molybdenum | 95-1  | 58       | 25       | 33       | 39       | 44.62   | cps   |
| Molybdenum | 96-1  | 75       | 25       | 50       | 50       | 50.00   | cps   |
| Molybdenum | 97-1  | 75       | 83       | 117      | 92       | 24.05   | cps   |
| Molybdenum | 98-1  | 42       | 67       | 42       | 50       | 28.87   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 93       | 93       | 90       | 92       | 2.09    | cps   |
| Phosphorus | 31-2  | 183      | 283      | 200      | 222      | 24.11   | cps   |
| Potassium  | 39-2  | 41852    | 42763    | 41961    | 42192    | 1.18    | cps   |
| Rhodium    | 103-1 | 11856155 | 11583232 | 11794102 | 11744496 | 1.22    | cps   |
| Rhodium    | 103-2 | 5781702  | 5809898  | 5828883  | 5806828  | 0.41    | cps   |
| Scandium   | 45-1  | 7787362  | 7652447  | 7776714  | 7738841  | 0.97    | cps   |
| Scandium   | 45-2  | 412544   | 409592   | 410466   | 410867   | 0.37    | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21  | cps   |
| Selenium   | 78-2  | 107      | 122      | 67       | 99       | 29.13   | cps   |
| Selenium   | 82-1  | 24       | -88      | 22       | -14      | -453.72 | cps   |
| Silicon    | 28-1  | 538750   | 539033   | 540363   | 539382   | 0.16    | cps   |
| Silver     | 109-1 | 108      | 83       | 42       | 78       | 43.30   | cps   |
| Silver     | 107-1 | 58       | 167      | 158      | 128      | 47.18   | cps   |
| Sodium     | 23-2  | 37130    | 37857    | 38124    | 37704    | 1.36    | cps   |
| Strontium  | 86-1  | 1625     | 1717     | 1550     | 1631     | 5.12    | cps   |
| Strontium  | 88-1  | 1625     | 1859     | 1617     | 1700     | 8.07    | cps   |
| Sulfur     | 34-1  | 435623   | 438279   | 437625   | 437176   | 0.32    | cps   |
| Terbium    | 159-1 | 16709561 | 16745298 | 16619451 | 16691436 | 0.39    | cps   |
| Terbium    | 159-2 | 8603910  | 8607531  | 8585065  | 8598835  | 0.14    | cps   |
| Thallium   | 203-1 | 217      | 217      | 158      | 197      | 17.08   | cps   |
| Thallium   | 205-1 | 533      | 575      | 550      | 553      | 3.80    | cps   |
| Tin        | 118-1 | 1333     | 1367     | 1442     | 1381     | 4.02    | cps   |
| Titanium   | 47-1  | 208      | 150      | 142      | 167      | 21.79   | cps   |
| Uranium    | 238-1 | 75       | 75       | 67       | 72       | 6.66    | cps   |
| Vanadium   | 51-2  | 23       | 20       | 33       | 26       | 27.15   | cps   |
| Yttrium    | 89-1  | 12676105 | 12631299 | 12455540 | 12587648 | 0.93    | cps   |
| Yttrium    | 89-2  | 2046353  | 2037753  | 2043111  | 2042406  | 0.21    | cps   |
| Zinc       | 66-2  | 140      | 103      | 143      | 129      | 17.22   | cps   |
| Zirconium  | 90-1  | 700      | 608      | 775      | 694      | 12.02   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101370BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101370BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:45:12 | DataFile Name :   | 155SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 250  | 175  | 183  | 203     | 20.27  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101370BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101370BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:48:39 | DataFile Name :   | 156SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1483     | 1658     | 1575     | 1572     | 5.57   | cps   |
| Antimony   | 121-1 | 167      | 133      | 192      | 164      | 17.86  | cps   |
| Arsenic    | 75-2  | 9        | 9        | 11       | 10       | 10.81  | cps   |
| Barium     | 135-1 | 50       | 42       | 33       | 42       | 20.00  | cps   |
| Barium     | 137-1 | 125      | 92       | 142      | 119      | 21.31  | cps   |
| Beryllium  | 9-1   | 22       | 11       | 11       | 15       | 43.30  | cps   |
| Bismuth    | 209-1 | 10802843 | 10714026 | 10732532 | 10749800 | 0.44   | cps   |
| Bismuth    | 209-2 | 6490196  | 6474059  | 6522294  | 6495516  | 0.38   | cps   |
| Boron      | 10-1  | 500      | 325      | 400      | 408      | 21.50  | cps   |
| Boron      | 11-1  | 2142     | 1942     | 1700     | 1928     | 11.47  | cps   |
| Cadmium    | 111-1 | 2394     | 2400     | 2204     | 2333     | 4.79   | cps   |
| Cadmium    | 106-1 | 3401     | 3417     | 3167     | 3328     | 4.20   | cps   |
| Cadmium    | 108-1 | 4        | 13       | 25       | 14       | 75.48  | cps   |
| Calcium    | 43-1  | 1092     | 867      | 1050     | 1003     | 11.94  | cps   |
| Calcium    | 44-1  | 25690    | 26166    | 26876    | 26244    | 2.27   | cps   |
| Chromium   | 52-2  | 1934     | 1970     | 2017     | 1974     | 2.12   | cps   |
| Cobalt     | 59-2  | 120      | 100      | 140      | 120      | 16.67  | cps   |
| Copper     | 63-2  | 1437     | 1383     | 1263     | 1361     | 6.52   | cps   |
| Dysprosium | 156-1 | 25       | 17       | 0        | 14       | 91.65  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 10       | 6        | 69.34  | cps   |
| Erbium     | 164-1 | 50       | 42       | 25       | 39       | 32.73  | cps   |
| Erbium     | 164-2 | 40       | 17       | 13       | 23       | 62.27  | cps   |
| Gadolinium | 160-1 | 83       | 117      | 75       | 92       | 24.05  | cps   |
| Gadolinium | 160-2 | 127      | 137      | 100      | 121      | 15.65  | cps   |
| Holmium    | 165-1 | 16491303 | 16536292 | 16291479 | 16439691 | 0.79   | cps   |
| Holmium    | 165-2 | 8710549  | 8654874  | 8558188  | 8641204  | 0.89   | cps   |
| Indium     | 115-1 | 12535133 | 12544912 | 12646765 | 12575603 | 0.49   | cps   |
| Indium     | 115-2 | 2636102  | 2625284  | 2636432  | 2632606  | 0.24   | cps   |
| Iron       | 56-2  | 11560    | 11043    | 11560    | 11388    | 2.62   | cps   |
| Iron       | 57-2  | 378      | 494      | 450      | 441      | 13.36  | cps   |
| Lead       | 206-1 | 7577258  | 7469502  | 7454536  | 7500432  | 0.89   | cps   |
| Lead       | 207-1 | 6462940  | 6730995  | 6452596  | 6548843  | 2.41   | cps   |
| Lead       | 208-1 | 30003085 | 30040926 | 29887000 | 29977004 | 0.27   | cps   |
| Lithium    | 6-1   | 1718324  | 1704167  | 1739577  | 1720690  | 1.04   | cps   |
| Magnesium  | 24-2  | 375      | 608      | 542      | 508      | 23.64  | cps   |
| Manganese  | 55-2  | 140      | 107      | 140      | 129      | 14.93  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101370BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101370BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:48:39 | DataFile Name :   | 156SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 317      | 492      | 283      | 364      | 30.75  | cps   |
| Molybdenum | 95-1  | 208      | 208      | 125      | 181      | 26.65  | cps   |
| Molybdenum | 96-1  | 233      | 233      | 292      | 253      | 13.32  | cps   |
| Molybdenum | 97-1  | 158      | 217      | 167      | 181      | 17.48  | cps   |
| Molybdenum | 98-1  | 300      | 325      | 300      | 308      | 4.68   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 170      | 170      | 127      | 156      | 16.08  | cps   |
| Phosphorus | 31-2  | 225      | 167      | 242      | 211      | 18.65  | cps   |
| Potassium  | 39-2  | 42972    | 41375    | 43590    | 42646    | 2.68   | cps   |
| Rhodium    | 103-1 | 11992170 | 11975449 | 11923175 | 11963598 | 0.30   | cps   |
| Rhodium    | 103-2 | 5800423  | 5831764  | 5847305  | 5826497  | 0.41   | cps   |
| Scandium   | 45-1  | 7833399  | 7899815  | 7845747  | 7859654  | 0.45   | cps   |
| Scandium   | 45-2  | 409670   | 407552   | 405909   | 407710   | 0.46   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 122      | 96       | 87       | 102      | 17.90  | cps   |
| Selenium   | 82-1  | 97       | 69       | 16       | 60       | 68.39  | cps   |
| Silicon    | 28-1  | 547118   | 549988   | 549300   | 548802   | 0.27   | cps   |
| Silver     | 109-1 | 175      | 150      | 150      | 158      | 9.12   | cps   |
| Silver     | 107-1 | 58       | 125      | 175      | 119      | 49.00  | cps   |
| Sodium     | 23-2  | 38826    | 38016    | 38575    | 38472    | 1.08   | cps   |
| Strontium  | 86-1  | 1675     | 1725     | 1433     | 1611     | 9.68   | cps   |
| Strontium  | 88-1  | 1375     | 1075     | 1017     | 1156     | 16.64  | cps   |
| Sulfur     | 34-1  | 444177   | 441270   | 445127   | 443525   | 0.45   | cps   |
| Terbium    | 159-1 | 16979680 | 17041775 | 16872868 | 16964774 | 0.50   | cps   |
| Terbium    | 159-2 | 8618489  | 8670770  | 8597839  | 8629033  | 0.44   | cps   |
| Thallium   | 203-1 | 300      | 258      | 308      | 289      | 9.27   | cps   |
| Thallium   | 205-1 | 683      | 700      | 633      | 672      | 5.16   | cps   |
| Tin        | 118-1 | 950      | 1000     | 1208     | 1053     | 13.02  | cps   |
| Titanium   | 47-1  | 325      | 383      | 317      | 342      | 10.63  | cps   |
| Uranium    | 238-1 | 442      | 317      | 408      | 389      | 16.64  | cps   |
| Vanadium   | 51-2  | 27       | 60       | 27       | 38       | 50.93  | cps   |
| Yttrium    | 89-1  | 12888704 | 12909193 | 12912661 | 12903519 | 0.10   | cps   |
| Yttrium    | 89-2  | 2050349  | 2057099  | 2053700  | 2053716  | 0.16   | cps   |
| Zinc       | 66-2  | 727      | 683      | 663      | 691      | 4.68   | cps   |
| Zirconium  | 90-1  | 767      | 783      | 908      | 820      | 9.45   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101370BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101370BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:48:39 | DataFile Name :   | 156SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 100  | 142  | 128     | 18.82  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-01 Instrumnet Name : P7  
 Client Sample ID : DC25820-37-FL1-BRS1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:52:05 DataFile Name : 157SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 983      | 1334     | 1117     | 1145     | 15.44  | cps   |
| Antimony   | 121-1 | 1317     | 1175     | 1300     | 1264     | 6.13   | cps   |
| Arsenic    | 75-2  | 170      | 169      | 174      | 171      | 1.66   | cps   |
| Barium     | 135-1 | 77810    | 76217    | 74559    | 76195    | 2.13   | cps   |
| Barium     | 137-1 | 133360   | 132957   | 127673   | 131330   | 2.42   | cps   |
| Beryllium  | 9-1   | 11       | 22       | 44       | 26       | 65.48  | cps   |
| Bismuth    | 209-1 | 11699865 | 11619253 | 11471712 | 11596944 | 1.00   | cps   |
| Bismuth    | 209-2 | 7164760  | 7042419  | 7092686  | 7099955  | 0.87   | cps   |
| Boron      | 10-1  | 1950     | 1959     | 1934     | 1947     | 0.65   | cps   |
| Boron      | 11-1  | 9437     | 9528     | 9495     | 9487     | 0.49   | cps   |
| Cadmium    | 111-1 | 2379     | 2510     | 2613     | 2501     | 4.70   | cps   |
| Cadmium    | 106-1 | 3326     | 3526     | 3709     | 3520     | 5.45   | cps   |
| Cadmium    | 108-1 | 17       | 29       | 29       | 25       | 28.86  | cps   |
| Calcium    | 43-1  | 296530   | 294847   | 292020   | 294466   | 0.77   | cps   |
| Calcium    | 44-1  | 4961400  | 5010720  | 4980596  | 4984239  | 0.50   | cps   |
| Chromium   | 52-2  | 1130     | 1257     | 1297     | 1228     | 7.09   | cps   |
| Cobalt     | 59-2  | 553      | 503      | 563      | 540      | 5.95   | cps   |
| Copper     | 63-2  | 1069828  | 1069813  | 1061280  | 1066974  | 0.46   | cps   |
| Dysprosium | 156-1 | 50       | 33       | 67       | 50       | 33.34  | cps   |
| Dysprosium | 156-2 | 23       | 23       | 30       | 26       | 15.07  | cps   |
| Erbium     | 164-1 | 100      | 83       | 117      | 100      | 16.66  | cps   |
| Erbium     | 164-2 | 30       | 40       | 60       | 43       | 35.25  | cps   |
| Gadolinium | 160-1 | 133      | 133      | 167      | 144      | 13.33  | cps   |
| Gadolinium | 160-2 | 140      | 197      | 143      | 160      | 19.87  | cps   |
| Holmium    | 165-1 | 17806537 | 17629836 | 17661883 | 17699419 | 0.53   | cps   |
| Holmium    | 165-2 | 9221741  | 9144317  | 9179648  | 9181902  | 0.42   | cps   |
| Indium     | 115-1 | 13546340 | 13438108 | 13303364 | 13429271 | 0.91   | cps   |
| Indium     | 115-2 | 2762778  | 2776416  | 2780912  | 2773369  | 0.34   | cps   |
| Iron       | 56-2  | 140512   | 138337   | 140423   | 139757   | 0.88   | cps   |
| Iron       | 57-2  | 4351     | 4040     | 3995     | 4129     | 4.69   | cps   |
| Lead       | 206-1 | 21885    | 22514    | 22263    | 22221    | 1.42   | cps   |
| Lead       | 207-1 | 18820    | 18680    | 18775    | 18758    | 0.38   | cps   |
| Lead       | 208-1 | 86869    | 88272    | 86377    | 87173    | 1.13   | cps   |
| Lithium    | 6-1   | 1871529  | 1845489  | 1825044  | 1847354  | 1.26   | cps   |
| Magnesium  | 24-2  | 559534   | 559721   | 556240   | 558498   | 0.35   | cps   |
| Manganese  | 55-2  | 26031    | 25276    | 25345    | 25551    | 1.63   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-37-FL1-BRS1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:52:05   | DataFile Name :   | 157SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 600      | 767      | 508      | 625      | 20.95  | cps   |
| Molybdenum | 95-1  | 358      | 275      | 308      | 314      | 13.36  | cps   |
| Molybdenum | 96-1  | 392      | 433      | 442      | 422      | 6.34   | cps   |
| Molybdenum | 97-1  | 242      | 250      | 242      | 244      | 1.97   | cps   |
| Molybdenum | 98-1  | 567      | 533      | 408      | 503      | 16.60  | cps   |
| Neodymium  | 150-1 | 47       | 33       | 40       | 40       | 16.68  | cps   |
| Neodymium  | 150-2 | 20       | 13       | 3        | 12       | 68.66  | cps   |
| Nickel     | 60-2  | 22347    | 22477    | 21576    | 22134    | 2.20   | cps   |
| Phosphorus | 31-2  | 7035     | 7202     | 6485     | 6907     | 5.43   | cps   |
| Potassium  | 39-2  | 326454   | 325532   | 324887   | 325624   | 0.24   | cps   |
| Rhodium    | 103-1 | 12807524 | 12625999 | 12627207 | 12686910 | 0.82   | cps   |
| Rhodium    | 103-2 | 6272235  | 6219654  | 6203836  | 6231908  | 0.57   | cps   |
| Scandium   | 45-1  | 8410446  | 8479461  | 8395212  | 8428373  | 0.53   | cps   |
| Scandium   | 45-2  | 430357   | 431394   | 430358   | 430703   | 0.14   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 126      | 104      | 119      | 116      | 9.75   | cps   |
| Selenium   | 82-1  | 61       | 90       | 146      | 99       | 43.37  | cps   |
| Silicon    | 28-1  | 9951404  | 9732065  | 9895166  | 9859545  | 1.16   | cps   |
| Silver     | 109-1 | 317      | 333      | 358      | 336      | 6.24   | cps   |
| Silver     | 107-1 | 283      | 350      | 350      | 328      | 11.74  | cps   |
| Sodium     | 23-2  | 9183137  | 9183866  | 9198554  | 9188519  | 0.09   | cps   |
| Strontium  | 86-1  | 109978   | 108945   | 108651   | 109191   | 0.64   | cps   |
| Strontium  | 88-1  | 955357   | 946627   | 930976   | 944320   | 1.31   | cps   |
| Sulfur     | 34-1  | 535203   | 539287   | 533388   | 535959   | 0.56   | cps   |
| Terbium    | 159-1 | 18226802 | 18089576 | 17927695 | 18081358 | 0.83   | cps   |
| Terbium    | 159-2 | 9054460  | 9156375  | 9118102  | 9109646  | 0.57   | cps   |
| Thallium   | 203-1 | 325      | 283      | 367      | 325      | 12.82  | cps   |
| Thallium   | 205-1 | 675      | 758      | 725      | 719      | 5.83   | cps   |
| Tin        | 118-1 | 683      | 592      | 667      | 647      | 7.54   | cps   |
| Titanium   | 47-1  | 900      | 942      | 817      | 886      | 7.18   | cps   |
| Uranium    | 238-1 | 717      | 800      | 808      | 775      | 6.54   | cps   |
| Vanadium   | 51-2  | 340      | 330      | 383      | 351      | 8.08   | cps   |
| Yttrium    | 89-1  | 13768076 | 13634998 | 13562981 | 13655352 | 0.76   | cps   |
| Yttrium    | 89-2  | 2162201  | 2158935  | 2153456  | 2158197  | 0.20   | cps   |
| Zinc       | 66-2  | 224630   | 226422   | 225902   | 225651   | 0.41   | cps   |
| Zirconium  | 90-1  | 1800     | 1442     | 1425     | 1556     | 13.62  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-37-FL1-BRS1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:52:05   | DataFile Name :   | 157SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 300  | 283  | 258  | 281     | 7.48   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-02 Instrumnet Name : P7  
 Client Sample ID : DC25820-38-FL1-BRS1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 00:55:30 DataFile Name : 158SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2218     | 1759     | 2001     | 1992     | 11.54  | cps   |
| Antimony   | 121-1 | 1250     | 967      | 1067     | 1095     | 13.13  | cps   |
| Arsenic    | 75-2  | 174      | 159      | 196      | 177      | 10.56  | cps   |
| Barium     | 135-1 | 74860    | 73201    | 71794    | 73285    | 2.09   | cps   |
| Barium     | 137-1 | 126800   | 127254   | 125270   | 126441   | 0.82   | cps   |
| Beryllium  | 9-1   | 17       | 17       | 22       | 19       | 17.30  | cps   |
| Bismuth    | 209-1 | 11423504 | 11393506 | 11335140 | 11384050 | 0.39   | cps   |
| Bismuth    | 209-2 | 7037725  | 7002978  | 6880623  | 6973775  | 1.18   | cps   |
| Boron      | 10-1  | 1909     | 1742     | 1592     | 1747     | 9.07   | cps   |
| Boron      | 11-1  | 8111     | 7919     | 8236     | 8089     | 1.97   | cps   |
| Cadmium    | 111-1 | 2388     | 2168     | 2511     | 2356     | 7.37   | cps   |
| Cadmium    | 106-1 | 3392     | 3050     | 3576     | 3339     | 7.98   | cps   |
| Cadmium    | 108-1 | 4        | 13       | 13       | 10       | 49.46  | cps   |
| Calcium    | 43-1  | 285425   | 286908   | 287799   | 286711   | 0.42   | cps   |
| Calcium    | 44-1  | 4843806  | 4781701  | 4773074  | 4799527  | 0.80   | cps   |
| Chromium   | 52-2  | 2624     | 2250     | 2457     | 2444     | 7.66   | cps   |
| Cobalt     | 59-2  | 177      | 303      | 250      | 243      | 26.14  | cps   |
| Copper     | 63-2  | 1076898  | 1077574  | 1073830  | 1076101  | 0.19   | cps   |
| Dysprosium | 156-1 | 67       | 125      | 100      | 97       | 30.10  | cps   |
| Dysprosium | 156-2 | 33       | 30       | 43       | 36       | 19.51  | cps   |
| Erbium     | 164-1 | 150      | 117      | 108      | 125      | 17.64  | cps   |
| Erbium     | 164-2 | 40       | 80       | 63       | 61       | 32.88  | cps   |
| Gadolinium | 160-1 | 192      | 175      | 200      | 189      | 6.74   | cps   |
| Gadolinium | 160-2 | 153      | 137      | 150      | 147      | 6.01   | cps   |
| Holmium    | 165-1 | 17529352 | 17295157 | 17010866 | 17278458 | 1.50   | cps   |
| Holmium    | 165-2 | 9081824  | 8994557  | 8948587  | 9008323  | 0.75   | cps   |
| Indium     | 115-1 | 13383529 | 13265561 | 13337531 | 13328874 | 0.45   | cps   |
| Indium     | 115-2 | 2737146  | 2726684  | 2728565  | 2730798  | 0.20   | cps   |
| Iron       | 56-2  | 93465    | 91701    | 93827    | 92998    | 1.22   | cps   |
| Iron       | 57-2  | 3328     | 3006     | 3123     | 3152     | 5.18   | cps   |
| Lead       | 206-1 | 8981     | 9198     | 9042     | 9074     | 1.23   | cps   |
| Lead       | 207-1 | 7875     | 7274     | 7436     | 7528     | 4.13   | cps   |
| Lead       | 208-1 | 35670    | 35158    | 34663    | 35164    | 1.43   | cps   |
| Lithium    | 6-1   | 1813358  | 1810321  | 1801694  | 1808457  | 0.33   | cps   |
| Magnesium  | 24-2  | 529485   | 528577   | 532973   | 530345   | 0.44   | cps   |
| Manganese  | 55-2  | 31821    | 30953    | 31150    | 31308    | 1.45   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-38-FL1-BRS1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:55:30   | DataFile Name :   | 158SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 708      | 617      | 667      | 664      | 6.91   | cps   |
| Molybdenum | 95-1  | 308      | 317      | 475      | 367      | 25.61  | cps   |
| Molybdenum | 96-1  | 2045     | 475      | 458      | 993      | 91.78  | cps   |
| Molybdenum | 97-1  | 283      | 333      | 325      | 314      | 8.53   | cps   |
| Molybdenum | 98-1  | 525      | 650      | 567      | 581      | 10.96  | cps   |
| Neodymium  | 150-1 | 40       | 53       | 27       | 40       | 33.33  | cps   |
| Neodymium  | 150-2 | 23       | 30       | 17       | 23       | 28.56  | cps   |
| Nickel     | 60-2  | 2074     | 2154     | 2264     | 2164     | 4.41   | cps   |
| Phosphorus | 31-2  | 7035     | 7227     | 7611     | 7291     | 4.02   | cps   |
| Potassium  | 39-2  | 279711   | 276056   | 280887   | 278885   | 0.90   | cps   |
| Rhodium    | 103-1 | 12427291 | 12490499 | 12320475 | 12412755 | 0.69   | cps   |
| Rhodium    | 103-2 | 6167370  | 6151131  | 6133504  | 6150668  | 0.28   | cps   |
| Scandium   | 45-1  | 8341699  | 8154294  | 8224457  | 8240150  | 1.15   | cps   |
| Scandium   | 45-2  | 427444   | 425437   | 429621   | 427501   | 0.49   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 98       | 104      | 91       | 98       | 6.67   | cps   |
| Selenium   | 82-1  | 57       | 59       | 75       | 64       | 15.88  | cps   |
| Silicon    | 28-1  | 9517700  | 9370932  | 9344786  | 9411139  | 0.99   | cps   |
| Silver     | 109-1 | 333      | 417      | 400      | 383      | 11.50  | cps   |
| Silver     | 107-1 | 483      | 517      | 392      | 464      | 13.95  | cps   |
| Sodium     | 23-2  | 9024440  | 8970790  | 8979448  | 8991560  | 0.32   | cps   |
| Strontium  | 86-1  | 105343   | 105586   | 104176   | 105035   | 0.72   | cps   |
| Strontium  | 88-1  | 930089   | 908823   | 908779   | 915897   | 1.34   | cps   |
| Sulfur     | 34-1  | 547967   | 544115   | 537932   | 543338   | 0.93   | cps   |
| Terbium    | 159-1 | 17890081 | 17673781 | 17779147 | 17781003 | 0.61   | cps   |
| Terbium    | 159-2 | 9016161  | 8990179  | 9009386  | 9005242  | 0.15   | cps   |
| Thallium   | 203-1 | 300      | 350      | 392      | 347      | 13.22  | cps   |
| Thallium   | 205-1 | 617      | 792      | 850      | 753      | 16.13  | cps   |
| Tin        | 118-1 | 683      | 867      | 783      | 778      | 11.80  | cps   |
| Titanium   | 47-1  | 1008     | 1083     | 950      | 1014     | 6.60   | cps   |
| Uranium    | 238-1 | 942      | 867      | 833      | 881      | 6.30   | cps   |
| Vanadium   | 51-2  | 320      | 380      | 450      | 383      | 16.97  | cps   |
| Yttrium    | 89-1  | 13599176 | 13513834 | 13508044 | 13540351 | 0.38   | cps   |
| Yttrium    | 89-2  | 2118457  | 2107166  | 2125255  | 2116959  | 0.43   | cps   |
| Zinc       | 66-2  | 12285    | 11892    | 11818    | 11998    | 2.09   | cps   |
| Zirconium  | 90-1  | 1325     | 1358     | 1233     | 1306     | 4.96   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-38-FL1-BRS1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:55:30   | DataFile Name :   | 158SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 283  | 308  | 267  | 286     | 7.33   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-39-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:58:55  | DataFile Name :   | 159SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1467     | 1483     | 1834     | 1595     | 13.01  | cps   |
| Antimony   | 121-1 | 1500     | 1592     | 1500     | 1531     | 3.46   | cps   |
| Arsenic    | 75-2  | 159      | 154      | 172      | 162      | 5.88   | cps   |
| Barium     | 135-1 | 87172    | 84389    | 85655    | 85739    | 1.63   | cps   |
| Barium     | 137-1 | 147232   | 149368   | 145420   | 147340   | 1.34   | cps   |
| Beryllium  | 9-1   | 11       | 17       | 33       | 20       | 56.76  | cps   |
| Bismuth    | 209-1 | 11508583 | 11358517 | 11427480 | 11431526 | 0.66   | cps   |
| Bismuth    | 209-2 | 7021846  | 6924728  | 7034078  | 6993551  | 0.86   | cps   |
| Boron      | 10-1  | 1667     | 1708     | 1792     | 1722     | 3.70   | cps   |
| Boron      | 11-1  | 8695     | 8945     | 8786     | 8808     | 1.44   | cps   |
| Cadmium    | 111-1 | 2461     | 2510     | 2546     | 2506     | 1.70   | cps   |
| Cadmium    | 106-1 | 3401     | 3484     | 3559     | 3481     | 2.28   | cps   |
| Cadmium    | 108-1 | 33       | 29       | 58       | 40       | 39.16  | cps   |
| Calcium    | 43-1  | 312593   | 311368   | 302417   | 308793   | 1.80   | cps   |
| Calcium    | 44-1  | 5213012  | 5133423  | 5101616  | 5149350  | 1.11   | cps   |
| Chromium   | 52-2  | 1620     | 1650     | 1627     | 1632     | 0.97   | cps   |
| Cobalt     | 59-2  | 467      | 500      | 417      | 461      | 9.10   | cps   |
| Copper     | 63-2  | 1540561  | 1531599  | 1542354  | 1538171  | 0.37   | cps   |
| Dysprosium | 156-1 | 50       | 58       | 42       | 50       | 16.67  | cps   |
| Dysprosium | 156-2 | 37       | 23       | 30       | 30       | 22.23  | cps   |
| Erbium     | 164-1 | 67       | 42       | 83       | 64       | 32.83  | cps   |
| Erbium     | 164-2 | 53       | 33       | 43       | 43       | 23.08  | cps   |
| Gadolinium | 160-1 | 183      | 133      | 133      | 150      | 19.24  | cps   |
| Gadolinium | 160-2 | 170      | 213      | 103      | 162      | 34.16  | cps   |
| Holmium    | 165-1 | 17517622 | 17226607 | 17151783 | 17298671 | 1.12   | cps   |
| Holmium    | 165-2 | 8924825  | 8849787  | 9029890  | 8934834  | 1.01   | cps   |
| Indium     | 115-1 | 13177997 | 13226753 | 13173332 | 13192694 | 0.22   | cps   |
| Indium     | 115-2 | 2725494  | 2745839  | 2733634  | 2734989  | 0.37   | cps   |
| Iron       | 56-2  | 134443   | 132575   | 130868   | 132629   | 1.35   | cps   |
| Iron       | 57-2  | 4229     | 4217     | 4301     | 4249     | 1.06   | cps   |
| Lead       | 206-1 | 8748     | 8981     | 8998     | 8909     | 1.57   | cps   |
| Lead       | 207-1 | 7347     | 7158     | 7324     | 7276     | 1.42   | cps   |
| Lead       | 208-1 | 34151    | 33940    | 33862    | 33984    | 0.44   | cps   |
| Lithium    | 6-1   | 1818845  | 1797106  | 1770630  | 1795527  | 1.34   | cps   |
| Magnesium  | 24-2  | 535592   | 532610   | 537564   | 535256   | 0.47   | cps   |
| Manganese  | 55-2  | 28534    | 28665    | 28104    | 28434    | 1.03   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-39-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:58:55  | DataFile Name :   | 159SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 600      | 517      | 467      | 528      | 12.76  | cps   |
| Molybdenum | 95-1  | 400      | 267      | 292      | 319      | 22.19  | cps   |
| Molybdenum | 96-1  | 458      | 467      | 400      | 442      | 8.23   | cps   |
| Molybdenum | 97-1  | 242      | 250      | 183      | 225      | 16.14  | cps   |
| Molybdenum | 98-1  | 500      | 400      | 433      | 444      | 11.46  | cps   |
| Neodymium  | 150-1 | 53       | 60       | 93       | 69       | 31.11  | cps   |
| Neodymium  | 150-2 | 23       | 127      | 23       | 58       | 103.29 | cps   |
| Nickel     | 60-2  | 16820    | 16463    | 16620    | 16634    | 1.08   | cps   |
| Phosphorus | 31-2  | 5760     | 5968     | 5918     | 5882     | 1.85   | cps   |
| Potassium  | 39-2  | 270980   | 267510   | 271158   | 269883   | 0.76   | cps   |
| Rhodium    | 103-1 | 12640788 | 12554158 | 12412923 | 12535956 | 0.92   | cps   |
| Rhodium    | 103-2 | 6087793  | 6160370  | 6128925  | 6125696  | 0.59   | cps   |
| Scandium   | 45-1  | 8346552  | 8150490  | 8124133  | 8207058  | 1.48   | cps   |
| Scandium   | 45-2  | 419219   | 421312   | 420324   | 420285   | 0.25   | cps   |
| Selenium   | 77-2  | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 81       | 83       | 107      | 91       | 15.94  | cps   |
| Selenium   | 82-1  | 31       | 141      | 92       | 88       | 62.29  | cps   |
| Silicon    | 28-1  | 9279458  | 9274625  | 9332083  | 9295388  | 0.34   | cps   |
| Silver     | 109-1 | 1700     | 1608     | 1684     | 1664     | 2.94   | cps   |
| Silver     | 107-1 | 1608     | 1775     | 1742     | 1709     | 5.16   | cps   |
| Sodium     | 23-2  | 8140279  | 8104189  | 8179153  | 8141207  | 0.46   | cps   |
| Strontium  | 86-1  | 114277   | 114656   | 113302   | 114078   | 0.61   | cps   |
| Strontium  | 88-1  | 1007293  | 997738   | 999293   | 1001441  | 0.51   | cps   |
| Sulfur     | 34-1  | 539331   | 537343   | 545088   | 540587   | 0.74   | cps   |
| Terbium    | 159-1 | 17834006 | 17740958 | 17626832 | 17733932 | 0.59   | cps   |
| Terbium    | 159-2 | 8947623  | 9023107  | 9013315  | 8994682  | 0.46   | cps   |
| Thallium   | 203-1 | 392      | 325      | 308      | 342      | 12.91  | cps   |
| Thallium   | 205-1 | 925      | 867      | 833      | 875      | 5.30   | cps   |
| Tin        | 118-1 | 742      | 783      | 833      | 786      | 5.84   | cps   |
| Titanium   | 47-1  | 2351     | 800      | 867      | 1339     | 65.48  | cps   |
| Uranium    | 238-1 | 1175     | 1008     | 1292     | 1158     | 12.29  | cps   |
| Vanadium   | 51-2  | 413      | 430      | 317      | 387      | 15.82  | cps   |
| Yttrium    | 89-1  | 13630354 | 13413286 | 13428532 | 13490724 | 0.90   | cps   |
| Yttrium    | 89-2  | 2123313  | 2120310  | 2133505  | 2125709  | 0.33   | cps   |
| Zinc       | 66-2  | 234591   | 232376   | 236695   | 234554   | 0.92   | cps   |
| Zirconium  | 90-1  | 1250     | 1100     | 1584     | 1311     | 18.89  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-03             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-39-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 00:58:55  | DataFile Name :   | 159SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 275  | 308  | 269     | 15.57  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-04 Instrumnet Name : P7  
 Client Sample ID : DC25820-40-FL1-NR-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:02:19 DataFile Name : 160SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1108     | 1292     | 1317     | 1239     | 9.18   | cps   |
| Antimony   | 121-1 | 1283     | 1367     | 1217     | 1289     | 5.83   | cps   |
| Arsenic    | 75-2  | 150      | 157      | 172      | 160      | 7.08   | cps   |
| Barium     | 135-1 | 80684    | 78674    | 80382    | 79913    | 1.36   | cps   |
| Barium     | 137-1 | 141103   | 139124   | 140867   | 140364   | 0.77   | cps   |
| Beryllium  | 9-1   | 22       | 17       | 11       | 17       | 33.33  | cps   |
| Bismuth    | 209-1 | 11435783 | 11358184 | 11394375 | 11396114 | 0.34   | cps   |
| Bismuth    | 209-2 | 6990377  | 7003516  | 6946670  | 6980187  | 0.43   | cps   |
| Boron      | 10-1  | 1659     | 1609     | 1642     | 1636     | 1.56   | cps   |
| Boron      | 11-1  | 8553     | 8611     | 8503     | 8556     | 0.63   | cps   |
| Cadmium    | 111-1 | 2395     | 2249     | 2327     | 2324     | 3.13   | cps   |
| Cadmium    | 106-1 | 3367     | 3184     | 3326     | 3292     | 2.92   | cps   |
| Cadmium    | 108-1 | 0        | 13       | 13       | 8        | 86.60  | cps   |
| Calcium    | 43-1  | 288199   | 284887   | 278349   | 283812   | 1.77   | cps   |
| Calcium    | 44-1  | 4832921  | 4747321  | 4762502  | 4780915  | 0.96   | cps   |
| Chromium   | 52-2  | 1520     | 1477     | 1523     | 1507     | 1.73   | cps   |
| Cobalt     | 59-2  | 163      | 187      | 200      | 183      | 10.12  | cps   |
| Copper     | 63-2  | 1490863  | 1493783  | 1500341  | 1494996  | 0.32   | cps   |
| Dysprosium | 156-1 | 50       | 75       | 67       | 64       | 19.92  | cps   |
| Dysprosium | 156-2 | 3        | 17       | 27       | 16       | 75.27  | cps   |
| Erbium     | 164-1 | 92       | 167      | 75       | 111      | 43.95  | cps   |
| Erbium     | 164-2 | 40       | 63       | 70       | 58       | 27.26  | cps   |
| Gadolinium | 160-1 | 117      | 175      | 117      | 136      | 24.75  | cps   |
| Gadolinium | 160-2 | 147      | 170      | 130      | 149      | 13.49  | cps   |
| Holmium    | 165-1 | 17220838 | 17143094 | 17228111 | 17197348 | 0.27   | cps   |
| Holmium    | 165-2 | 9013609  | 9042434  | 8940321  | 8998788  | 0.59   | cps   |
| Indium     | 115-1 | 13212954 | 13340764 | 13251154 | 13268291 | 0.49   | cps   |
| Indium     | 115-2 | 2728133  | 2743164  | 2730089  | 2733795  | 0.30   | cps   |
| Iron       | 56-2  | 79060    | 78311    | 78773    | 78715    | 0.48   | cps   |
| Iron       | 57-2  | 2539     | 2678     | 2817     | 2678     | 5.19   | cps   |
| Lead       | 206-1 | 3967     | 3667     | 3589     | 3741     | 5.33   | cps   |
| Lead       | 207-1 | 3062     | 2884     | 2934     | 2960     | 3.10   | cps   |
| Lead       | 208-1 | 14470    | 14170    | 14076    | 14239    | 1.45   | cps   |
| Lithium    | 6-1   | 1785360  | 1796154  | 1785385  | 1788966  | 0.35   | cps   |
| Magnesium  | 24-2  | 494312   | 498302   | 499778   | 497464   | 0.57   | cps   |
| Manganese  | 55-2  | 17437    | 17924    | 16920    | 17427    | 2.88   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-40-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:02:19  | DataFile Name :   | 160SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 508      | 600      | 525      | 544      | 8.97   | cps   |
| Molybdenum | 95-1  | 317      | 308      | 325      | 317      | 2.63   | cps   |
| Molybdenum | 96-1  | 500      | 483      | 350      | 444      | 18.50  | cps   |
| Molybdenum | 97-1  | 283      | 225      | 242      | 250      | 12.02  | cps   |
| Molybdenum | 98-1  | 408      | 433      | 458      | 433      | 5.77   | cps   |
| Neodymium  | 150-1 | 53       | 53       | 73       | 60       | 19.24  | cps   |
| Neodymium  | 150-2 | 0        | 20       | 20       | 13       | 86.60  | cps   |
| Nickel     | 60-2  | 1260     | 1347     | 1230     | 1279     | 4.74   | cps   |
| Phosphorus | 31-2  | 6043     | 6477     | 5826     | 6115     | 5.41   | cps   |
| Potassium  | 39-2  | 268846   | 269499   | 268639   | 268995   | 0.17   | cps   |
| Rhodium    | 103-1 | 12446186 | 12379786 | 12381099 | 12402357 | 0.31   | cps   |
| Rhodium    | 103-2 | 6164329  | 6195576  | 6102699  | 6154201  | 0.77   | cps   |
| Scandium   | 45-1  | 8199457  | 8175248  | 8148658  | 8174455  | 0.31   | cps   |
| Scandium   | 45-2  | 423698   | 422378   | 424731   | 423602   | 0.28   | cps   |
| Selenium   | 77-2  | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 148      | 109      | 91       | 116      | 25.25  | cps   |
| Selenium   | 82-1  | 77       | 19       | 33       | 43       | 69.07  | cps   |
| Silicon    | 28-1  | 9273478  | 9125054  | 9100704  | 9166412  | 1.02   | cps   |
| Silver     | 109-1 | 875      | 942      | 933      | 917      | 3.96   | cps   |
| Silver     | 107-1 | 925      | 1233     | 1000     | 1053     | 15.27  | cps   |
| Sodium     | 23-2  | 8106640  | 8088271  | 8143740  | 8112884  | 0.35   | cps   |
| Strontium  | 86-1  | 108534   | 106965   | 108996   | 108165   | 0.98   | cps   |
| Strontium  | 88-1  | 953003   | 931922   | 933528   | 939484   | 1.25   | cps   |
| Sulfur     | 34-1  | 532981   | 526502   | 528034   | 529172   | 0.64   | cps   |
| Terbium    | 159-1 | 17715462 | 17923873 | 17541958 | 17727098 | 1.08   | cps   |
| Terbium    | 159-2 | 8969746  | 8988295  | 8985196  | 8981079  | 0.11   | cps   |
| Thallium   | 203-1 | 308      | 225      | 450      | 328      | 34.71  | cps   |
| Thallium   | 205-1 | 758      | 750      | 692      | 733      | 4.95   | cps   |
| Tin        | 118-1 | 733      | 750      | 742      | 742      | 1.12   | cps   |
| Titanium   | 47-1  | 925      | 1017     | 800      | 914      | 11.91  | cps   |
| Uranium    | 238-1 | 1008     | 1025     | 967      | 1000     | 3.01   | cps   |
| Vanadium   | 51-2  | 413      | 440      | 373      | 409      | 8.21   | cps   |
| Yttrium    | 89-1  | 13531461 | 13362874 | 13396247 | 13430194 | 0.66   | cps   |
| Yttrium    | 89-2  | 2128011  | 2125189  | 2122935  | 2125378  | 0.12   | cps   |
| Zinc       | 66-2  | 17831    | 17784    | 17995    | 17870    | 0.62   | cps   |
| Zirconium  | 90-1  | 1500     | 1067     | 1058     | 1209     | 20.92  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-04             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-40-FL1-NR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:02:19  | DataFile Name :   | 160SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 267  | 192  | 233     | 16.37  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-41-FL1-BRS2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:05:44   | DataFile Name :   | 161SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1634     | 1642     | 1475     | 1584     | 5.93   | cps   |
| Antimony   | 121-1 | 1092     | 1133     | 1108     | 1111     | 1.89   | cps   |
| Arsenic    | 75-2  | 176      | 196      | 183      | 185      | 5.57   | cps   |
| Barium     | 135-1 | 73746    | 71090    | 71199    | 72012    | 2.09   | cps   |
| Barium     | 137-1 | 123823   | 123554   | 122915   | 123430   | 0.38   | cps   |
| Beryllium  | 9-1   | 17       | 28       | 39       | 28       | 39.99  | cps   |
| Bismuth    | 209-1 | 11414347 | 11270831 | 11214382 | 11299853 | 0.91   | cps   |
| Bismuth    | 209-2 | 6934308  | 6830768  | 6615333  | 6793469  | 2.40   | cps   |
| Boron      | 10-1  | 1900     | 2175     | 1900     | 1992     | 7.97   | cps   |
| Boron      | 11-1  | 10154    | 9970     | 10237    | 10120    | 1.35   | cps   |
| Cadmium    | 111-1 | 2492     | 2522     | 2321     | 2445     | 4.43   | cps   |
| Cadmium    | 106-1 | 3334     | 3376     | 3159     | 3289     | 3.50   | cps   |
| Cadmium    | 108-1 | 42       | 29       | 33       | 35       | 18.33  | cps   |
| Calcium    | 43-1  | 281655   | 280308   | 279961   | 280641   | 0.32   | cps   |
| Calcium    | 44-1  | 4705136  | 4657467  | 4650999  | 4671201  | 0.63   | cps   |
| Chromium   | 52-2  | 1563     | 1737     | 1593     | 1631     | 5.68   | cps   |
| Cobalt     | 59-2  | 630      | 697      | 740      | 689      | 8.04   | cps   |
| Copper     | 63-2  | 1088887  | 1093777  | 1092899  | 1091854  | 0.24   | cps   |
| Dysprosium | 156-1 | 50       | 100      | 33       | 61       | 56.78  | cps   |
| Dysprosium | 156-2 | 20       | 33       | 33       | 29       | 26.64  | cps   |
| Erbium     | 164-1 | 125      | 133      | 67       | 108      | 33.53  | cps   |
| Erbium     | 164-2 | 30       | 43       | 50       | 41       | 24.77  | cps   |
| Gadolinium | 160-1 | 125      | 200      | 175      | 167      | 22.91  | cps   |
| Gadolinium | 160-2 | 147      | 143      | 127      | 139      | 7.72   | cps   |
| Holmium    | 165-1 | 17199511 | 17241795 | 17129489 | 17190265 | 0.33   | cps   |
| Holmium    | 165-2 | 8889589  | 8863023  | 8892850  | 8881821  | 0.18   | cps   |
| Indium     | 115-1 | 13257031 | 13105938 | 13021906 | 13128291 | 0.91   | cps   |
| Indium     | 115-2 | 2712855  | 2717018  | 2733066  | 2720980  | 0.39   | cps   |
| Iron       | 56-2  | 283431   | 282704   | 280850   | 282328   | 0.47   | cps   |
| Iron       | 57-2  | 7463     | 8214     | 7919     | 7865     | 4.81   | cps   |
| Lead       | 206-1 | 33782    | 34378    | 34256    | 34139    | 0.92   | cps   |
| Lead       | 207-1 | 29483    | 28080    | 29367    | 28977    | 2.69   | cps   |
| Lead       | 208-1 | 134395   | 132398   | 134215   | 133669   | 0.83   | cps   |
| Lithium    | 6-1   | 1793363  | 1733755  | 1758770  | 1761963  | 1.70   | cps   |
| Magnesium  | 24-2  | 549575   | 548266   | 549757   | 549199   | 0.15   | cps   |
| Manganese  | 55-2  | 40689    | 40456    | 40951    | 40699    | 0.61   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-41-FL1-BRS2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:05:44   | DataFile Name :   | 161SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 633      | 600      | 642      | 625      | 3.53   | cps   |
| Molybdenum | 95-1  | 325      | 342      | 275      | 314      | 11.05  | cps   |
| Molybdenum | 96-1  | 517      | 367      | 467      | 450      | 16.97  | cps   |
| Molybdenum | 97-1  | 233      | 308      | 300      | 281      | 14.65  | cps   |
| Molybdenum | 98-1  | 425      | 558      | 333      | 439      | 25.78  | cps   |
| Neodymium  | 150-1 | 53       | 80       | 53       | 62       | 24.74  | cps   |
| Neodymium  | 150-2 | 23       | 10       | 37       | 23       | 57.15  | cps   |
| Nickel     | 60-2  | 7822     | 7892     | 7992     | 7902     | 1.08   | cps   |
| Phosphorus | 31-2  | 6460     | 7069     | 6502     | 6677     | 5.09   | cps   |
| Potassium  | 39-2  | 287347   | 288583   | 291152   | 289027   | 0.67   | cps   |
| Rhodium    | 103-1 | 12342794 | 12227386 | 12149453 | 12239878 | 0.79   | cps   |
| Rhodium    | 103-2 | 6140370  | 6064493  | 5951936  | 6052266  | 1.57   | cps   |
| Scandium   | 45-1  | 8149974  | 8155835  | 8116965  | 8140924  | 0.26   | cps   |
| Scandium   | 45-2  | 416446   | 422784   | 421824   | 420351   | 0.81   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 100      | 126      | 113      | 113      | 11.48  | cps   |
| Selenium   | 82-1  | 142      | 48       | 31       | 74       | 81.64  | cps   |
| Silicon    | 28-1  | 9488278  | 9449361  | 9362517  | 9433385  | 0.68   | cps   |
| Silver     | 109-1 | 608      | 467      | 508      | 528      | 13.80  | cps   |
| Silver     | 107-1 | 517      | 667      | 650      | 611      | 13.45  | cps   |
| Sodium     | 23-2  | 8824992  | 8788209  | 8814817  | 8809339  | 0.22   | cps   |
| Strontium  | 86-1  | 103514   | 103891   | 103027   | 103477   | 0.42   | cps   |
| Strontium  | 88-1  | 904433   | 899247   | 895709   | 899796   | 0.49   | cps   |
| Sulfur     | 34-1  | 518267   | 518335   | 517462   | 518021   | 0.09   | cps   |
| Terbium    | 159-1 | 17634443 | 17778716 | 17503724 | 17638961 | 0.78   | cps   |
| Terbium    | 159-2 | 8919814  | 9070042  | 8929223  | 8973026  | 0.94   | cps   |
| Thallium   | 203-1 | 308      | 292      | 317      | 306      | 4.17   | cps   |
| Thallium   | 205-1 | 775      | 767      | 733      | 758      | 2.91   | cps   |
| Tin        | 118-1 | 1634     | 1517     | 1559     | 1570     | 3.77   | cps   |
| Titanium   | 47-1  | 1075     | 1142     | 892      | 1036     | 12.49  | cps   |
| Uranium    | 238-1 | 858      | 917      | 842      | 872      | 4.52   | cps   |
| Vanadium   | 51-2  | 313      | 323      | 313      | 317      | 1.82   | cps   |
| Yttrium    | 89-1  | 13409249 | 13366274 | 13270214 | 13348579 | 0.53   | cps   |
| Yttrium    | 89-2  | 2117038  | 2125408  | 2095443  | 2112630  | 0.73   | cps   |
| Zinc       | 66-2  | 210637   | 210463   | 210365   | 210488   | 0.07   | cps   |
| Zirconium  | 90-1  | 1325     | 1425     | 1258     | 1336     | 6.29   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-41-FL1-BRS2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:05:44   | DataFile Name :   | 161SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 433  | 225  | 333     | 31.33  | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-06 Instrumnet Name : P7  
 Client Sample ID : DC25820-42-FL1-BRS2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:09:09 DataFile Name : 162SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4578     | 1475     | 1559     | 2537     | 69.68  | cps   |
| Antimony   | 121-1 | 942      | 967      | 817      | 908      | 8.85   | cps   |
| Arsenic    | 75-2  | 193      | 209      | 211      | 204      | 4.99   | cps   |
| Barium     | 135-1 | 71359    | 71778    | 71677    | 71605    | 0.31   | cps   |
| Barium     | 137-1 | 123948   | 125759   | 124714   | 124807   | 0.73   | cps   |
| Beryllium  | 9-1   | 11       | 28       | 28       | 22       | 43.31  | cps   |
| Bismuth    | 209-1 | 11246251 | 11156874 | 11195590 | 11199572 | 0.40   | cps   |
| Bismuth    | 209-2 | 6961271  | 6890936  | 6911952  | 6921386  | 0.52   | cps   |
| Boron      | 10-1  | 1617     | 1542     | 1525     | 1561     | 3.13   | cps   |
| Boron      | 11-1  | 7619     | 7736     | 8361     | 7905     | 5.05   | cps   |
| Cadmium    | 111-1 | 2062     | 2026     | 2242     | 2110     | 5.48   | cps   |
| Cadmium    | 106-1 | 2900     | 2867     | 3176     | 2981     | 5.68   | cps   |
| Cadmium    | 108-1 | 21       | 8        | 21       | 17       | 43.31  | cps   |
| Calcium    | 43-1  | 285249   | 281280   | 278647   | 281725   | 1.18   | cps   |
| Calcium    | 44-1  | 4724752  | 4694934  | 4627417  | 4682368  | 1.07   | cps   |
| Chromium   | 52-2  | 1887     | 1760     | 1627     | 1758     | 7.40   | cps   |
| Cobalt     | 59-2  | 213      | 210      | 270      | 231      | 14.59  | cps   |
| Copper     | 63-2  | 751039   | 753950   | 746993   | 750661   | 0.47   | cps   |
| Dysprosium | 156-1 | 58       | 100      | 83       | 81       | 26.03  | cps   |
| Dysprosium | 156-2 | 40       | 63       | 50       | 51       | 22.90  | cps   |
| Erbium     | 164-1 | 133      | 108      | 133      | 125      | 11.55  | cps   |
| Erbium     | 164-2 | 67       | 80       | 47       | 64       | 26.03  | cps   |
| Gadolinium | 160-1 | 200      | 150      | 175      | 175      | 14.28  | cps   |
| Gadolinium | 160-2 | 187      | 157      | 137      | 160      | 15.73  | cps   |
| Holmium    | 165-1 | 17243006 | 17051354 | 16977046 | 17090469 | 0.80   | cps   |
| Holmium    | 165-2 | 8976186  | 8777468  | 8796408  | 8850021  | 1.24   | cps   |
| Indium     | 115-1 | 13031454 | 13035618 | 12951015 | 13006029 | 0.37   | cps   |
| Indium     | 115-2 | 2722084  | 2708397  | 2704168  | 2711550  | 0.35   | cps   |
| Iron       | 56-2  | 96847    | 94559    | 92871    | 94759    | 2.11   | cps   |
| Iron       | 57-2  | 3306     | 3117     | 3089     | 3171     | 3.72   | cps   |
| Lead       | 206-1 | 5212     | 5579     | 5184     | 5325     | 4.14   | cps   |
| Lead       | 207-1 | 4623     | 4418     | 4657     | 4566     | 2.83   | cps   |
| Lead       | 208-1 | 20807    | 20985    | 20623    | 20805    | 0.87   | cps   |
| Lithium    | 6-1   | 1731937  | 1741408  | 1734111  | 1735819  | 0.29   | cps   |
| Magnesium  | 24-2  | 528371   | 518363   | 519067   | 521934   | 1.07   | cps   |
| Manganese  | 55-2  | 31931    | 31948    | 32359    | 32080    | 0.76   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-42-FL1-BRS2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:09:09   | DataFile Name :   | 162SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 733      | 467      | 667      | 622      | 22.30  | cps   |
| Molybdenum | 95-1  | 467      | 283      | 333      | 361      | 26.24  | cps   |
| Molybdenum | 96-1  | 542      | 292      | 475      | 436      | 29.69  | cps   |
| Molybdenum | 97-1  | 308      | 300      | 250      | 286      | 11.03  | cps   |
| Molybdenum | 98-1  | 608      | 450      | 542      | 533      | 14.90  | cps   |
| Neodymium  | 150-1 | 53       | 100      | 60       | 71       | 35.49  | cps   |
| Neodymium  | 150-2 | 17       | 30       | 37       | 28       | 36.66  | cps   |
| Nickel     | 60-2  | 1690     | 1623     | 1697     | 1670     | 2.43   | cps   |
| Phosphorus | 31-2  | 7369     | 6952     | 7219     | 7180     | 2.94   | cps   |
| Potassium  | 39-2  | 283164   | 277413   | 281619   | 280732   | 1.06   | cps   |
| Rhodium    | 103-1 | 12261217 | 12283011 | 12178369 | 12240865 | 0.45   | cps   |
| Rhodium    | 103-2 | 6111161  | 5933086  | 5940114  | 5994787  | 1.68   | cps   |
| Scandium   | 45-1  | 8170620  | 8034814  | 8037186  | 8080873  | 0.96   | cps   |
| Scandium   | 45-2  | 420382   | 415471   | 413129   | 416327   | 0.89   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 100      | 85       | 89       | 91       | 8.44   | cps   |
| Selenium   | 82-1  | 19       | -33      | 62       | 16       | 296.31 | cps   |
| Silicon    | 28-1  | 9206169  | 9159125  | 9174410  | 9179902  | 0.26   | cps   |
| Silver     | 109-1 | 350      | 300      | 292      | 314      | 10.05  | cps   |
| Silver     | 107-1 | 450      | 450      | 383      | 428      | 9.00   | cps   |
| Sodium     | 23-2  | 8924333  | 8773794  | 8906582  | 8868236  | 0.93   | cps   |
| Strontium  | 86-1  | 105965   | 104109   | 101374   | 103816   | 2.22   | cps   |
| Strontium  | 88-1  | 916985   | 908112   | 901329   | 908809   | 0.86   | cps   |
| Sulfur     | 34-1  | 524996   | 519860   | 523206   | 522687   | 0.50   | cps   |
| Terbium    | 159-1 | 17669937 | 17399353 | 17466375 | 17511888 | 0.80   | cps   |
| Terbium    | 159-2 | 8879977  | 8941325  | 8910383  | 8910562  | 0.34   | cps   |
| Thallium   | 203-1 | 300      | 250      | 325      | 292      | 13.09  | cps   |
| Thallium   | 205-1 | 850      | 783      | 833      | 822      | 4.22   | cps   |
| Tin        | 118-1 | 708      | 583      | 725      | 672      | 11.52  | cps   |
| Titanium   | 47-1  | 892      | 1092     | 775      | 920      | 17.42  | cps   |
| Uranium    | 238-1 | 867      | 808      | 917      | 864      | 6.28   | cps   |
| Vanadium   | 51-2  | 380      | 377      | 397      | 384      | 2.79   | cps   |
| Yttrium    | 89-1  | 13252421 | 13336959 | 13240506 | 13276628 | 0.40   | cps   |
| Yttrium    | 89-2  | 2099686  | 2101259  | 2107585  | 2102843  | 0.20   | cps   |
| Zinc       | 66-2  | 24007    | 24217    | 23953    | 24059    | 0.58   | cps   |
| Zirconium  | 90-1  | 1233     | 1209     | 1142     | 1195     | 3.97   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-42-FL1-BRS2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:09:09   | DataFile Name :   | 162SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 258  | 233  | 261     | 11.21  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-45-FL1-BRD-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:12:34  | DataFile Name :   | 163SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1692     | 2614     | 1717     | 2008     | 26.17  | cps   |
| Antimony   | 121-1 | 817      | 808      | 792      | 806      | 1.58   | cps   |
| Arsenic    | 75-2  | 194      | 165      | 167      | 175      | 9.47   | cps   |
| Barium     | 135-1 | 68284    | 67305    | 66736    | 67442    | 1.16   | cps   |
| Barium     | 137-1 | 114889   | 116006   | 115527   | 115474   | 0.49   | cps   |
| Beryllium  | 9-1   | 33       | 22       | 17       | 24       | 35.24  | cps   |
| Bismuth    | 209-1 | 10929888 | 10951384 | 10815216 | 10898829 | 0.67   | cps   |
| Bismuth    | 209-2 | 6575665  | 6570118  | 6580125  | 6575303  | 0.08   | cps   |
| Boron      | 10-1  | 1300     | 1667     | 1533     | 1500     | 12.37  | cps   |
| Boron      | 11-1  | 8186     | 8586     | 8086     | 8286     | 3.19   | cps   |
| Cadmium    | 111-1 | 2241     | 2166     | 2173     | 2193     | 1.88   | cps   |
| Cadmium    | 106-1 | 3176     | 3084     | 3084     | 3114     | 1.70   | cps   |
| Cadmium    | 108-1 | 4        | 25       | 21       | 17       | 66.13  | cps   |
| Calcium    | 43-1  | 272890   | 270498   | 268064   | 270484   | 0.89   | cps   |
| Calcium    | 44-1  | 4514000  | 4485485  | 4477817  | 4492434  | 0.42   | cps   |
| Chromium   | 52-2  | 1930     | 1994     | 1947     | 1957     | 1.68   | cps   |
| Cobalt     | 59-2  | 243      | 247      | 223      | 238      | 5.31   | cps   |
| Copper     | 63-2  | 208430   | 211498   | 210921   | 210283   | 0.78   | cps   |
| Dysprosium | 156-1 | 125      | 50       | 33       | 69       | 70.32  | cps   |
| Dysprosium | 156-2 | 40       | 27       | 67       | 44       | 45.82  | cps   |
| Erbium     | 164-1 | 133      | 133      | 167      | 144      | 13.33  | cps   |
| Erbium     | 164-2 | 73       | 50       | 30       | 51       | 42.43  | cps   |
| Gadolinium | 160-1 | 225      | 167      | 217      | 203      | 15.56  | cps   |
| Gadolinium | 160-2 | 203      | 183      | 183      | 190      | 6.08   | cps   |
| Holmium    | 165-1 | 16769151 | 16795697 | 16625081 | 16729976 | 0.55   | cps   |
| Holmium    | 165-2 | 8829597  | 8830596  | 8816415  | 8825536  | 0.09   | cps   |
| Indium     | 115-1 | 12754540 | 12813241 | 12644339 | 12737373 | 0.67   | cps   |
| Indium     | 115-2 | 2651502  | 2691493  | 2674314  | 2672436  | 0.75   | cps   |
| Iron       | 56-2  | 104884   | 104584   | 106094   | 105187   | 0.76   | cps   |
| Iron       | 57-2  | 3206     | 3562     | 3084     | 3284     | 7.56   | cps   |
| Lead       | 206-1 | 3745     | 3595     | 3728     | 3690     | 2.23   | cps   |
| Lead       | 207-1 | 3356     | 3067     | 3145     | 3189     | 4.69   | cps   |
| Lead       | 208-1 | 14731    | 14376    | 14565    | 14557    | 1.22   | cps   |
| Lithium    | 6-1   | 1703965  | 1692798  | 1679368  | 1692044  | 0.73   | cps   |
| Magnesium  | 24-2  | 503518   | 503037   | 503560   | 503372   | 0.06   | cps   |
| Manganese  | 55-2  | 39072    | 39142    | 38631    | 38948    | 0.71   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-09 Instrumnet Name : P7  
 Client Sample ID : DC25820-45-FL1-BRD-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:12:34 DataFile Name : 163SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 692      | 583      | 667      | 647      | 8.76    | cps   |
| Molybdenum | 95-1  | 300      | 275      | 225      | 267      | 14.32   | cps   |
| Molybdenum | 96-1  | 450      | 433      | 408      | 431      | 4.87    | cps   |
| Molybdenum | 97-1  | 317      | 267      | 242      | 275      | 13.89   | cps   |
| Molybdenum | 98-1  | 417      | 767      | 508      | 564      | 32.19   | cps   |
| Neodymium  | 150-1 | 93       | 100      | 107      | 100      | 6.66    | cps   |
| Neodymium  | 150-2 | 20       | 37       | 63       | 40       | 54.65   | cps   |
| Nickel     | 60-2  | 853      | 837      | 950      | 880      | 6.95    | cps   |
| Phosphorus | 31-2  | 7160     | 6677     | 6869     | 6902     | 3.53    | cps   |
| Potassium  | 39-2  | 266009   | 267877   | 267715   | 267200   | 0.39    | cps   |
| Rhodium    | 103-1 | 12101349 | 11958633 | 11987128 | 12015704 | 0.63    | cps   |
| Rhodium    | 103-2 | 5847762  | 5877150  | 5917082  | 5880664  | 0.59    | cps   |
| Scandium   | 45-1  | 8063818  | 7924491  | 7972798  | 7987036  | 0.89    | cps   |
| Scandium   | 45-2  | 411509   | 416029   | 411900   | 413146   | 0.61    | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60   | cps   |
| Selenium   | 78-2  | 102      | 115      | 128      | 115      | 11.29   | cps   |
| Selenium   | 82-1  | 2        | -142     | -43      | -61      | -120.22 | cps   |
| Silicon    | 28-1  | 8751949  | 8898999  | 8813824  | 8821591  | 0.84    | cps   |
| Silver     | 109-1 | 167      | 125      | 183      | 158      | 18.97   | cps   |
| Silver     | 107-1 | 92       | 175      | 192      | 153      | 35.07   | cps   |
| Sodium     | 23-2  | 8532299  | 8558480  | 8563015  | 8551264  | 0.19    | cps   |
| Strontium  | 86-1  | 97203    | 96842    | 97924    | 97323    | 0.57    | cps   |
| Strontium  | 88-1  | 858756   | 864292   | 852589   | 858546   | 0.68    | cps   |
| Sulfur     | 34-1  | 536960   | 535759   | 536010   | 536243   | 0.12    | cps   |
| Terbium    | 159-1 | 17113779 | 16966789 | 17351873 | 17144147 | 1.13    | cps   |
| Terbium    | 159-2 | 8809252  | 8679491  | 8793708  | 8760817  | 0.81    | cps   |
| Thallium   | 203-1 | 342      | 292      | 342      | 325      | 8.88    | cps   |
| Thallium   | 205-1 | 842      | 933      | 950      | 908      | 6.42    | cps   |
| Tin        | 118-1 | 908      | 958      | 933      | 933      | 2.68    | cps   |
| Titanium   | 47-1  | 875      | 1075     | 1142     | 1031     | 13.47   | cps   |
| Uranium    | 238-1 | 775      | 800      | 742      | 772      | 3.79    | cps   |
| Vanadium   | 51-2  | 267      | 357      | 417      | 347      | 21.78   | cps   |
| Yttrium    | 89-1  | 12978691 | 13100941 | 13055302 | 13044978 | 0.47    | cps   |
| Yttrium    | 89-2  | 2078730  | 2095522  | 2104100  | 2092784  | 0.62    | cps   |
| Zinc       | 66-2  | 14487    | 14824    | 14814    | 14709    | 1.30    | cps   |
| Zirconium  | 90-1  | 1067     | 1367     | 1242     | 1225     | 12.30   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-09             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-45-FL1-BRD-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:12:34  | DataFile Name :   | 163SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 283  | 333  | 250  | 289     | 14.52  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-010 Instrumnet Name : P7  
 Client Sample ID : DC25820-37-FL1-BRS1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:16:00 DataFile Name : 164SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1942     | 1650     | 1684     | 1759     | 9.08   | cps   |
| Antimony   | 121-1 | 767      | 850      | 867      | 828      | 6.47   | cps   |
| Arsenic    | 75-2  | 185      | 206      | 200      | 197      | 5.35   | cps   |
| Barium     | 135-1 | 69885    | 68678    | 67941    | 68835    | 1.43   | cps   |
| Barium     | 137-1 | 119252   | 119738   | 120763   | 119917   | 0.64   | cps   |
| Beryllium  | 9-1   | 33       | 22       | 28       | 28       | 20.00  | cps   |
| Bismuth    | 209-1 | 11268330 | 11486825 | 11291410 | 11348855 | 1.06   | cps   |
| Bismuth    | 209-2 | 6868879  | 7163319  | 7096393  | 7042864  | 2.19   | cps   |
| Boron      | 10-1  | 1525     | 1625     | 1558     | 1570     | 3.24   | cps   |
| Boron      | 11-1  | 8369     | 7702     | 7869     | 7980     | 4.35   | cps   |
| Cadmium    | 111-1 | 2255     | 2312     | 2292     | 2286     | 1.25   | cps   |
| Cadmium    | 106-1 | 3176     | 3276     | 3276     | 3242     | 1.78   | cps   |
| Cadmium    | 108-1 | 25       | 21       | 25       | 24       | 10.20  | cps   |
| Calcium    | 43-1  | 283217   | 282323   | 279114   | 281551   | 0.77   | cps   |
| Calcium    | 44-1  | 4686412  | 4671536  | 4641878  | 4666609  | 0.49   | cps   |
| Chromium   | 52-2  | 1757     | 1647     | 1697     | 1700     | 3.24   | cps   |
| Cobalt     | 59-2  | 270      | 277      | 230      | 259      | 9.75   | cps   |
| Copper     | 63-2  | 209702   | 208910   | 207891   | 208835   | 0.43   | cps   |
| Dysprosium | 156-1 | 117      | 100      | 58       | 92       | 32.77  | cps   |
| Dysprosium | 156-2 | 63       | 60       | 43       | 56       | 19.29  | cps   |
| Erbium     | 164-1 | 100      | 150      | 208      | 153      | 35.49  | cps   |
| Erbium     | 164-2 | 67       | 53       | 47       | 56       | 18.33  | cps   |
| Gadolinium | 160-1 | 142      | 200      | 142      | 161      | 20.91  | cps   |
| Gadolinium | 160-2 | 213      | 120      | 197      | 177      | 28.18  | cps   |
| Holmium    | 165-1 | 17332300 | 17393195 | 17273886 | 17333127 | 0.34   | cps   |
| Holmium    | 165-2 | 8909880  | 9058517  | 8937521  | 8968640  | 0.88   | cps   |
| Indium     | 115-1 | 13275032 | 13222358 | 13203686 | 13233692 | 0.28   | cps   |
| Indium     | 115-2 | 2732847  | 2783972  | 2739217  | 2752012  | 1.01   | cps   |
| Iron       | 56-2  | 109271   | 106887   | 107964   | 108041   | 1.11   | cps   |
| Iron       | 57-2  | 3328     | 3512     | 3512     | 3451     | 3.07   | cps   |
| Lead       | 206-1 | 3906     | 3928     | 4079     | 3971     | 2.36   | cps   |
| Lead       | 207-1 | 3117     | 3301     | 3273     | 3230     | 3.06   | cps   |
| Lead       | 208-1 | 14804    | 15237    | 15565    | 15202    | 2.51   | cps   |
| Lithium    | 6-1   | 1771364  | 1756206  | 1768632  | 1765401  | 0.46   | cps   |
| Magnesium  | 24-2  | 520867   | 525098   | 522681   | 522882   | 0.41   | cps   |
| Manganese  | 55-2  | 40011    | 40389    | 41204    | 40535    | 1.50   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-010             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-37-FL1-BRS1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:16:00   | DataFile Name :   | 164SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 483      | 717      | 600      | 600      | 19.44  | cps   |
| Molybdenum | 95-1  | 333      | 367      | 383      | 361      | 7.05   | cps   |
| Molybdenum | 96-1  | 317      | 483      | 500      | 433      | 23.40  | cps   |
| Molybdenum | 97-1  | 342      | 283      | 367      | 331      | 12.94  | cps   |
| Molybdenum | 98-1  | 508      | 458      | 508      | 492      | 5.87   | cps   |
| Neodymium  | 150-1 | 60       | 60       | 93       | 71       | 27.07  | cps   |
| Neodymium  | 150-2 | 27       | 53       | 30       | 37       | 39.62  | cps   |
| Nickel     | 60-2  | 910      | 823      | 857      | 863      | 5.06   | cps   |
| Phosphorus | 31-2  | 7394     | 7477     | 7252     | 7374     | 1.54   | cps   |
| Potassium  | 39-2  | 280659   | 281046   | 278646   | 280117   | 0.46   | cps   |
| Rhodium    | 103-1 | 12546228 | 12451301 | 12530841 | 12509457 | 0.41   | cps   |
| Rhodium    | 103-2 | 6102344  | 6214803  | 6209298  | 6175482  | 1.03   | cps   |
| Scandium   | 45-1  | 8294637  | 8210163  | 8138718  | 8214506  | 0.95   | cps   |
| Scandium   | 45-2  | 422623   | 437444   | 426291   | 428786   | 1.80   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 107      | 106      | 122      | 112      | 8.17   | cps   |
| Selenium   | 82-1  | 82       | 52       | 168      | 101      | 59.90  | cps   |
| Silicon    | 28-1  | 9122638  | 9255838  | 9328146  | 9235540  | 1.13   | cps   |
| Silver     | 109-1 | 92       | 200      | 167      | 153      | 36.32  | cps   |
| Silver     | 107-1 | 183      | 183      | 175      | 181      | 2.66   | cps   |
| Sodium     | 23-2  | 8701708  | 8809075  | 8901665  | 8804149  | 1.14   | cps   |
| Strontium  | 86-1  | 103572   | 101398   | 100937   | 101969   | 1.38   | cps   |
| Strontium  | 88-1  | 895132   | 890413   | 887569   | 891038   | 0.43   | cps   |
| Sulfur     | 34-1  | 535615   | 538645   | 537110   | 537123   | 0.28   | cps   |
| Terbium    | 159-1 | 17827256 | 17770122 | 17741952 | 17779777 | 0.24   | cps   |
| Terbium    | 159-2 | 9053455  | 9137579  | 9064774  | 9085269  | 0.50   | cps   |
| Thallium   | 203-1 | 458      | 383      | 408      | 417      | 9.16   | cps   |
| Thallium   | 205-1 | 883      | 875      | 867      | 875      | 0.95   | cps   |
| Tin        | 118-1 | 708      | 617      | 725      | 683      | 8.54   | cps   |
| Titanium   | 47-1  | 1042     | 1067     | 983      | 1031     | 4.15   | cps   |
| Uranium    | 238-1 | 758      | 1025     | 933      | 906      | 14.96  | cps   |
| Vanadium   | 51-2  | 340      | 410      | 473      | 408      | 16.36  | cps   |
| Yttrium    | 89-1  | 13660541 | 13500754 | 13514079 | 13558458 | 0.65   | cps   |
| Yttrium    | 89-2  | 2130714  | 2172092  | 2138439  | 2147082  | 1.02   | cps   |
| Zinc       | 66-2  | 12863    | 13286    | 12969    | 13039    | 1.69   | cps   |
| Zirconium  | 90-1  | 1275     | 1308     | 1300     | 1295     | 1.34   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-010             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-37-FL1-BRS1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:16:00   | DataFile Name :   | 164SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 292  | 250  | 247     | 18.57  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV79               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV79               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:19:25 | DataFile Name :   | 165SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 700      | 725      | 883      | 769      | 12.92  | cps   |
| Antimony   | 121-1 | 108      | 133      | 92       | 111      | 18.88  | cps   |
| Arsenic    | 75-2  | 6        | 9        | 9        | 8        | 26.61  | cps   |
| Barium     | 135-1 | 92       | 50       | 25       | 56       | 60.62  | cps   |
| Barium     | 137-1 | 117      | 133      | 125      | 125      | 6.67   | cps   |
| Beryllium  | 9-1   | 17       | 17       | 11       | 15       | 21.67  | cps   |
| Bismuth    | 209-1 | 10888883 | 10912334 | 10749121 | 10850113 | 0.81   | cps   |
| Bismuth    | 209-2 | 6786653  | 6939673  | 6532252  | 6752859  | 3.05   | cps   |
| Boron      | 10-1  | 342      | 375      | 317      | 344      | 8.50   | cps   |
| Boron      | 11-1  | 1592     | 1892     | 1684     | 1722     | 8.93   | cps   |
| Cadmium    | 111-1 | 2404     | 2112     | 2204     | 2240     | 6.67   | cps   |
| Cadmium    | 106-1 | 3451     | 3017     | 3151     | 3206     | 6.92   | cps   |
| Cadmium    | 108-1 | 17       | 13       | 8        | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 1050     | 1092     | 1167     | 1103     | 5.36   | cps   |
| Calcium    | 44-1  | 29263    | 29906    | 29213    | 29461    | 1.31   | cps   |
| Chromium   | 52-2  | 1850     | 1660     | 1583     | 1698     | 8.09   | cps   |
| Cobalt     | 59-2  | 100      | 133      | 107      | 113      | 15.57  | cps   |
| Copper     | 63-2  | 1470     | 1587     | 1537     | 1531     | 3.82   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 0        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 50       | 25       | 33       | 36       | 35.25  | cps   |
| Erbium     | 164-2 | 10       | 37       | 20       | 22       | 60.63  | cps   |
| Gadolinium | 160-1 | 125      | 67       | 67       | 86       | 39.11  | cps   |
| Gadolinium | 160-2 | 103      | 133      | 133      | 123      | 14.04  | cps   |
| Holmium    | 165-1 | 16549975 | 16320113 | 16292905 | 16387664 | 0.86   | cps   |
| Holmium    | 165-2 | 8722985  | 8796902  | 8484727  | 8668205  | 1.88   | cps   |
| Indium     | 115-1 | 12654518 | 12720853 | 12520354 | 12631908 | 0.81   | cps   |
| Indium     | 115-2 | 2662801  | 2674336  | 2582243  | 2639794  | 1.90   | cps   |
| Iron       | 56-2  | 7897     | 7902     | 7919     | 7906     | 0.15   | cps   |
| Iron       | 57-2  | 328      | 361      | 433      | 374      | 14.42  | cps   |
| Lead       | 206-1 | 7524097  | 7509509  | 7499959  | 7511188  | 0.16   | cps   |
| Lead       | 207-1 | 6477211  | 6823287  | 6746148  | 6682215  | 2.72   | cps   |
| Lead       | 208-1 | 30109139 | 30542755 | 30183492 | 30278462 | 0.77   | cps   |
| Lithium    | 6-1   | 1705854  | 1667711  | 1667706  | 1680424  | 1.31   | cps   |
| Magnesium  | 24-2  | 400      | 500      | 458      | 453      | 11.09  | cps   |
| Manganese  | 55-2  | 217      | 193      | 270      | 227      | 17.34  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV79               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV79               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:19:25 | DataFile Name :   | 165SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 283      | 325      | 417      | 342      | 19.96  | cps   |
| Molybdenum | 95-1  | 100      | 83       | 158      | 114      | 34.58  | cps   |
| Molybdenum | 96-1  | 267      | 133      | 183      | 194      | 34.64  | cps   |
| Molybdenum | 97-1  | 150      | 225      | 158      | 178      | 23.12  | cps   |
| Molybdenum | 98-1  | 300      | 258      | 208      | 256      | 17.96  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 67       | 87       | 103      | 86       | 21.46  | cps   |
| Phosphorus | 31-2  | 258      | 167      | 233      | 219      | 21.60  | cps   |
| Potassium  | 39-2  | 43423    | 43774    | 43532    | 43576    | 0.41   | cps   |
| Rhodium    | 103-1 | 11837732 | 11872949 | 11885479 | 11865387 | 0.21   | cps   |
| Rhodium    | 103-2 | 5991318  | 5901836  | 5748617  | 5880590  | 2.09   | cps   |
| Scandium   | 45-1  | 7758515  | 7774949  | 7858649  | 7797371  | 0.69   | cps   |
| Scandium   | 45-2  | 412424   | 420416   | 392985   | 408609   | 3.45   | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 96       | 109      | 93       | 99       | 8.81   | cps   |
| Selenium   | 82-1  | -62      | -155     | -16      | -78      | -91.08 | cps   |
| Silicon    | 28-1  | 558531   | 557792   | 563937   | 560087   | 0.60   | cps   |
| Silver     | 109-1 | 133      | 117      | 150      | 133      | 12.50  | cps   |
| Silver     | 107-1 | 117      | 100      | 175      | 131      | 30.17  | cps   |
| Sodium     | 23-2  | 40080    | 39820    | 39035    | 39645    | 1.37   | cps   |
| Strontium  | 86-1  | 1900     | 1642     | 1567     | 1703     | 10.27  | cps   |
| Strontium  | 88-1  | 1233     | 1167     | 1158     | 1186     | 3.47   | cps   |
| Sulfur     | 34-1  | 447815   | 445442   | 447805   | 447021   | 0.31   | cps   |
| Terbium    | 159-1 | 16832336 | 16765502 | 16848874 | 16815571 | 0.26   | cps   |
| Terbium    | 159-2 | 8623994  | 8762375  | 8545932  | 8644101  | 1.27   | cps   |
| Thallium   | 203-1 | 475      | 400      | 375      | 417      | 12.49  | cps   |
| Thallium   | 205-1 | 1000     | 958      | 892      | 950      | 5.75   | cps   |
| Tin        | 118-1 | 1167     | 1108     | 1167     | 1147     | 2.94   | cps   |
| Titanium   | 47-1  | 275      | 317      | 158      | 250      | 32.83  | cps   |
| Uranium    | 238-1 | 375      | 300      | 383      | 353      | 13.01  | cps   |
| Vanadium   | 51-2  | 63       | 63       | 53       | 60       | 9.62   | cps   |
| Yttrium    | 89-1  | 13114747 | 12745819 | 12942986 | 12934517 | 1.43   | cps   |
| Yttrium    | 89-2  | 2063899  | 2078073  | 2019713  | 2053895  | 1.48   | cps   |
| Zinc       | 66-2  | 477      | 500      | 473      | 483      | 3.01   | cps   |
| Zirconium  | 90-1  | 733      | 875      | 658      | 756      | 14.56  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV79               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV79               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:19:25 | DataFile Name :   | 165SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 142  | 125  | 161     | 30.31  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB79               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB79               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:22:51 | DataFile Name :   | 166SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 367      | 300      | 450      | 372      | 20.19  | cps   |
| Antimony   | 121-1 | 25       | 25       | 50       | 33       | 43.30  | cps   |
| Arsenic    | 75-2  | 2        | 7        | 2        | 4        | 86.68  | cps   |
| Barium     | 135-1 | 50       | 75       | 33       | 53       | 39.74  | cps   |
| Barium     | 137-1 | 117      | 92       | 150      | 119      | 24.50  | cps   |
| Beryllium  | 9-1   | 11       | 28       | 11       | 17       | 57.75  | cps   |
| Bismuth    | 209-1 | 10737748 | 10847239 | 10745620 | 10776869 | 0.57   | cps   |
| Bismuth    | 209-2 | 6407330  | 6415198  | 6668346  | 6496958  | 2.29   | cps   |
| Boron      | 10-1  | 233      | 267      | 242      | 247      | 7.02   | cps   |
| Boron      | 11-1  | 1208     | 1167     | 1125     | 1167     | 3.57   | cps   |
| Cadmium    | 111-1 | 2164     | 2112     | 2104     | 2127     | 1.53   | cps   |
| Cadmium    | 106-1 | 3109     | 3009     | 3000     | 3039     | 1.98   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 0        | 13       | 88.19  | cps   |
| Calcium    | 43-1  | 458      | 433      | 433      | 442      | 3.27   | cps   |
| Calcium    | 44-1  | 17536    | 17286    | 17027    | 17283    | 1.47   | cps   |
| Chromium   | 52-2  | 1770     | 1690     | 1650     | 1703     | 3.59   | cps   |
| Cobalt     | 59-2  | 77       | 93       | 80       | 83       | 10.59  | cps   |
| Copper     | 63-2  | 1393     | 1410     | 1340     | 1381     | 2.65   | cps   |
| Dysprosium | 156-1 | 8        | 25       | 8        | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 17       | 0        | 3        | 7        | 132.33 | cps   |
| Erbium     | 164-1 | 8        | 42       | 50       | 33       | 66.15  | cps   |
| Erbium     | 164-2 | 47       | 23       | 10       | 27       | 69.60  | cps   |
| Gadolinium | 160-1 | 67       | 100      | 117      | 94       | 26.96  | cps   |
| Gadolinium | 160-2 | 147      | 83       | 113      | 114      | 27.68  | cps   |
| Holmium    | 165-1 | 16300638 | 16111208 | 16331876 | 16247907 | 0.73   | cps   |
| Holmium    | 165-2 | 8453729  | 8611763  | 8562752  | 8542748  | 0.95   | cps   |
| Indium     | 115-1 | 12544876 | 12573706 | 12506766 | 12541783 | 0.27   | cps   |
| Indium     | 115-2 | 2597271  | 2619024  | 2630297  | 2615531  | 0.64   | cps   |
| Iron       | 56-2  | 5512     | 5707     | 5490     | 5570     | 2.14   | cps   |
| Iron       | 57-2  | 289      | 317      | 367      | 324      | 12.16  | cps   |
| Lead       | 206-1 | 1178     | 1322     | 1361     | 1287     | 7.51   | cps   |
| Lead       | 207-1 | 1222     | 1033     | 1195     | 1150     | 8.87   | cps   |
| Lead       | 208-1 | 5406     | 5039     | 5423     | 5289     | 4.10   | cps   |
| Lithium    | 6-1   | 1668949  | 1678830  | 1655733  | 1667837  | 0.69   | cps   |
| Magnesium  | 24-2  | 400      | 433      | 408      | 414      | 4.19   | cps   |
| Manganese  | 55-2  | 107      | 73       | 60       | 80       | 30.05  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB79               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB79               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:22:51 | DataFile Name :   | 166SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 358      | 233      | 283      | 292      | 21.57  | cps   |
| Molybdenum | 95-1  | 33       | 33       | 8        | 25       | 57.75  | cps   |
| Molybdenum | 96-1  | 67       | 92       | 58       | 72       | 24.02  | cps   |
| Molybdenum | 97-1  | 83       | 100      | 67       | 83       | 20.00  | cps   |
| Molybdenum | 98-1  | 33       | 50       | 42       | 42       | 20.00  | cps   |
| Neodymium  | 150-1 | 13       | 0        | 7        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 47       | 103      | 100      | 83       | 38.16  | cps   |
| Phosphorus | 31-2  | 225      | 200      | 217      | 214      | 5.95   | cps   |
| Potassium  | 39-2  | 41375    | 41902    | 42245    | 41841    | 1.05   | cps   |
| Rhodium    | 103-1 | 11833279 | 11794922 | 11865271 | 11831157 | 0.30   | cps   |
| Rhodium    | 103-2 | 5762841  | 5779130  | 5832675  | 5791549  | 0.63   | cps   |
| Scandium   | 45-1  | 7785147  | 7695987  | 7753179  | 7744771  | 0.58   | cps   |
| Scandium   | 45-2  | 401964   | 405129   | 407616   | 404903   | 0.70   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 100      | 131      | 117      | 116      | 13.57  | cps   |
| Selenium   | 82-1  | -50      | 58       | 87       | 32       | 226.79 | cps   |
| Silicon    | 28-1  | 537936   | 538282   | 539210   | 538476   | 0.12   | cps   |
| Silver     | 109-1 | 75       | 50       | 100      | 75       | 33.34  | cps   |
| Silver     | 107-1 | 50       | 50       | 108      | 69       | 48.50  | cps   |
| Sodium     | 23-2  | 37857    | 38041    | 37473    | 37790    | 0.77   | cps   |
| Strontium  | 86-1  | 1692     | 1742     | 1767     | 1734     | 2.20   | cps   |
| Strontium  | 88-1  | 1734     | 1458     | 1725     | 1639     | 9.54   | cps   |
| Sulfur     | 34-1  | 444609   | 442751   | 442024   | 443128   | 0.30   | cps   |
| Terbium    | 159-1 | 16806873 | 16680109 | 16494654 | 16660545 | 0.94   | cps   |
| Terbium    | 159-2 | 8537467  | 8566533  | 8493466  | 8532489  | 0.43   | cps   |
| Thallium   | 203-1 | 292      | 200      | 283      | 258      | 19.62  | cps   |
| Thallium   | 205-1 | 592      | 600      | 650      | 614      | 5.14   | cps   |
| Tin        | 118-1 | 1433     | 1192     | 1367     | 1331     | 9.38   | cps   |
| Titanium   | 47-1  | 208      | 100      | 142      | 150      | 36.43  | cps   |
| Uranium    | 238-1 | 17       | 67       | 125      | 69       | 78.08  | cps   |
| Vanadium   | 51-2  | 27       | 17       | 7        | 17       | 59.99  | cps   |
| Yttrium    | 89-1  | 12650336 | 12685188 | 12909144 | 12748223 | 1.10   | cps   |
| Yttrium    | 89-2  | 2025845  | 2040103  | 2046850  | 2037599  | 0.53   | cps   |
| Zinc       | 66-2  | 270      | 277      | 253      | 267      | 4.51   | cps   |
| Zirconium  | 90-1  | 658      | 750      | 625      | 678      | 9.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB79               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB79               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:22:51 | DataFile Name :   | 166SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 92   | 150  | 128     | 24.69  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-11 Instrumnet Name : P7  
 Client Sample ID : DC25820-47-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:26:18 DataFile Name : 167SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1634     | 1784     | 1275     | 1564     | 16.70  | cps   |
| Antimony   | 121-1 | 1350     | 1550     | 1659     | 1520     | 10.30  | cps   |
| Arsenic    | 75-2  | 154      | 185      | 174      | 171      | 9.34   | cps   |
| Barium     | 135-1 | 71886    | 69993    | 72230    | 71370    | 1.69   | cps   |
| Barium     | 137-1 | 123772   | 122446   | 125362   | 123860   | 1.18   | cps   |
| Beryllium  | 9-1   | 17       | 50       | 50       | 39       | 49.48  | cps   |
| Bismuth    | 209-1 | 11272153 | 11278655 | 11273535 | 11274781 | 0.03   | cps   |
| Bismuth    | 209-2 | 7056708  | 6933932  | 6872243  | 6954294  | 1.35   | cps   |
| Boron      | 10-1  | 1650     | 1942     | 2034     | 1875     | 10.68  | cps   |
| Boron      | 11-1  | 9045     | 9637     | 9262     | 9314     | 3.22   | cps   |
| Cadmium    | 111-1 | 2613     | 2244     | 2480     | 2446     | 7.63   | cps   |
| Cadmium    | 106-1 | 3617     | 3075     | 3434     | 3376     | 8.16   | cps   |
| Cadmium    | 108-1 | 46       | 54       | 75       | 58       | 25.76  | cps   |
| Calcium    | 43-1  | 285916   | 280539   | 280225   | 282226   | 1.13   | cps   |
| Calcium    | 44-1  | 4789326  | 4746725  | 4615540  | 4717197  | 1.92   | cps   |
| Chromium   | 52-2  | 2047     | 1934     | 1960     | 1980     | 2.99   | cps   |
| Cobalt     | 59-2  | 733      | 730      | 727      | 730      | 0.46   | cps   |
| Copper     | 63-2  | 2489730  | 2512398  | 2493619  | 2498583  | 0.49   | cps   |
| Dysprosium | 156-1 | 83       | 67       | 50       | 67       | 25.00  | cps   |
| Dysprosium | 156-2 | 27       | 27       | 27       | 27       | 0.00   | cps   |
| Erbium     | 164-1 | 133      | 175      | 133      | 147      | 16.34  | cps   |
| Erbium     | 164-2 | 53       | 63       | 40       | 52       | 22.41  | cps   |
| Gadolinium | 160-1 | 225      | 183      | 142      | 183      | 22.73  | cps   |
| Gadolinium | 160-2 | 173      | 177      | 183      | 178      | 2.86   | cps   |
| Holmium    | 165-1 | 17417833 | 17060020 | 17163726 | 17213860 | 1.07   | cps   |
| Holmium    | 165-2 | 9050000  | 8940632  | 8923657  | 8971429  | 0.76   | cps   |
| Indium     | 115-1 | 13237792 | 13295204 | 13187799 | 13240265 | 0.41   | cps   |
| Indium     | 115-2 | 2713429  | 2727485  | 2752225  | 2731046  | 0.72   | cps   |
| Iron       | 56-2  | 253270   | 253829   | 253458   | 253519   | 0.11   | cps   |
| Iron       | 57-2  | 6946     | 6813     | 7486     | 7082     | 5.03   | cps   |
| Lead       | 206-1 | 19415    | 19176    | 19220    | 19270    | 0.66   | cps   |
| Lead       | 207-1 | 16388    | 16221    | 16110    | 16240    | 0.86   | cps   |
| Lead       | 208-1 | 75574    | 75469    | 74477    | 75173    | 0.81   | cps   |
| Lithium    | 6-1   | 1763054  | 1763347  | 1780288  | 1768896  | 0.56   | cps   |
| Magnesium  | 24-2  | 534602   | 543598   | 538066   | 538755   | 0.84   | cps   |
| Manganese  | 55-2  | 40148    | 40335    | 40877    | 40453    | 0.94   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-47-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:26:18  | DataFile Name :   | 167SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 667      | 725      | 625      | 672      | 7.47   | cps   |
| Molybdenum | 95-1  | 350      | 342      | 308      | 333      | 6.61   | cps   |
| Molybdenum | 96-1  | 442      | 383      | 450      | 425      | 8.55   | cps   |
| Molybdenum | 97-1  | 275      | 308      | 275      | 286      | 6.73   | cps   |
| Molybdenum | 98-1  | 500      | 458      | 542      | 500      | 8.33   | cps   |
| Neodymium  | 150-1 | 60       | 53       | 60       | 58       | 6.65   | cps   |
| Neodymium  | 150-2 | 33       | 20       | 17       | 23       | 37.78  | cps   |
| Nickel     | 60-2  | 9166     | 9243     | 9273     | 9227     | 0.60   | cps   |
| Phosphorus | 31-2  | 6310     | 6535     | 6352     | 6399     | 1.87   | cps   |
| Potassium  | 39-2  | 289559   | 291936   | 289149   | 290215   | 0.52   | cps   |
| Rhodium    | 103-1 | 12445892 | 12460439 | 12353717 | 12420016 | 0.47   | cps   |
| Rhodium    | 103-2 | 6170886  | 6206683  | 6201655  | 6193075  | 0.31   | cps   |
| Scandium   | 45-1  | 8174516  | 8227679  | 8163668  | 8188621  | 0.42   | cps   |
| Scandium   | 45-2  | 425817   | 425407   | 420078   | 423768   | 0.76   | cps   |
| Selenium   | 77-2  | 7        | 10       | 0        | 6        | 91.64  | cps   |
| Selenium   | 78-2  | 80       | 80       | 96       | 85       | 11.30  | cps   |
| Selenium   | 82-1  | 46       | 71       | -26      | 30       | 164.44 | cps   |
| Silicon    | 28-1  | 9572380  | 9457347  | 9406286  | 9478671  | 0.90   | cps   |
| Silver     | 109-1 | 483      | 625      | 550      | 553      | 12.82  | cps   |
| Silver     | 107-1 | 533      | 692      | 742      | 656      | 16.59  | cps   |
| Sodium     | 23-2  | 8890967  | 9068018  | 8993290  | 8984092  | 0.99   | cps   |
| Strontium  | 86-1  | 105234   | 101675   | 101432   | 102780   | 2.07   | cps   |
| Strontium  | 88-1  | 915411   | 905393   | 902427   | 907744   | 0.75   | cps   |
| Sulfur     | 34-1  | 544453   | 539970   | 543237   | 542553   | 0.43   | cps   |
| Terbium    | 159-1 | 17901956 | 17758257 | 17775745 | 17811986 | 0.44   | cps   |
| Terbium    | 159-2 | 8904745  | 8903958  | 8960937  | 8923213  | 0.37   | cps   |
| Thallium   | 203-1 | 367      | 333      | 408      | 369      | 10.17  | cps   |
| Thallium   | 205-1 | 917      | 817      | 917      | 883      | 6.54   | cps   |
| Tin        | 118-1 | 2342     | 2409     | 2734     | 2495     | 8.40   | cps   |
| Titanium   | 47-1  | 925      | 1100     | 992      | 1006     | 8.78   | cps   |
| Uranium    | 238-1 | 983      | 842      | 1008     | 945      | 9.52   | cps   |
| Vanadium   | 51-2  | 257      | 383      | 403      | 348      | 22.87  | cps   |
| Yttrium    | 89-1  | 13491769 | 13490035 | 13416402 | 13466069 | 0.32   | cps   |
| Yttrium    | 89-2  | 2122583  | 2139385  | 2131761  | 2131243  | 0.39   | cps   |
| Zinc       | 66-2  | 342060   | 344808   | 346895   | 344588   | 0.70   | cps   |
| Zirconium  | 90-1  | 1242     | 1217     | 1358     | 1272     | 5.94   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-11             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-47-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:26:18  | DataFile Name :   | 167SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 408  | 300  | 350     | 15.61  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-12 Instrumnet Name : P7  
 Client Sample ID : DC25820-48-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:29:43 DataFile Name : 168SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1517     | 1575     | 1667     | 1586     | 4.77   | cps   |
| Antimony   | 121-1 | 742      | 725      | 700      | 722      | 2.90   | cps   |
| Arsenic    | 75-2  | 174      | 143      | 178      | 165      | 11.73  | cps   |
| Barium     | 135-1 | 70236    | 68486    | 68636    | 69119    | 1.40   | cps   |
| Barium     | 137-1 | 121293   | 120931   | 122101   | 121442   | 0.49   | cps   |
| Beryllium  | 9-1   | 11       | 39       | 33       | 28       | 52.92  | cps   |
| Bismuth    | 209-1 | 11348633 | 11403485 | 11408404 | 11386841 | 0.29   | cps   |
| Bismuth    | 209-2 | 7168237  | 6904551  | 6895842  | 6989544  | 2.21   | cps   |
| Boron      | 10-1  | 1450     | 1592     | 1550     | 1531     | 4.76   | cps   |
| Boron      | 11-1  | 7536     | 8094     | 8136     | 7922     | 4.23   | cps   |
| Cadmium    | 111-1 | 2480     | 2210     | 2397     | 2362     | 5.84   | cps   |
| Cadmium    | 106-1 | 3517     | 3151     | 3434     | 3367     | 5.71   | cps   |
| Cadmium    | 108-1 | 17       | 17       | 33       | 22       | 43.28  | cps   |
| Calcium    | 43-1  | 285397   | 285636   | 284936   | 285323   | 0.12   | cps   |
| Calcium    | 44-1  | 4784098  | 4692637  | 4696020  | 4724252  | 1.10   | cps   |
| Chromium   | 52-2  | 2114     | 1947     | 1893     | 1985     | 5.78   | cps   |
| Cobalt     | 59-2  | 273      | 257      | 210      | 247      | 13.31  | cps   |
| Copper     | 63-2  | 217645   | 218726   | 219045   | 218472   | 0.34   | cps   |
| Dysprosium | 156-1 | 92       | 83       | 67       | 81       | 15.80  | cps   |
| Dysprosium | 156-2 | 43       | 60       | 67       | 57       | 21.21  | cps   |
| Erbium     | 164-1 | 192      | 225      | 117      | 178      | 31.21  | cps   |
| Erbium     | 164-2 | 83       | 80       | 87       | 83       | 4.00   | cps   |
| Gadolinium | 160-1 | 217      | 125      | 158      | 167      | 27.84  | cps   |
| Gadolinium | 160-2 | 163      | 140      | 170      | 158      | 9.98   | cps   |
| Holmium    | 165-1 | 17290881 | 17201655 | 17490941 | 17327825 | 0.85   | cps   |
| Holmium    | 165-2 | 9088367  | 9014003  | 9019860  | 9040743  | 0.46   | cps   |
| Indium     | 115-1 | 13629600 | 13400792 | 13192902 | 13407765 | 1.63   | cps   |
| Indium     | 115-2 | 2726413  | 2745300  | 2742643  | 2738119  | 0.37   | cps   |
| Iron       | 56-2  | 112605   | 114042   | 110515   | 112387   | 1.58   | cps   |
| Iron       | 57-2  | 3662     | 3439     | 3873     | 3658     | 5.93   | cps   |
| Lead       | 206-1 | 3206     | 3289     | 3150     | 3215     | 2.17   | cps   |
| Lead       | 207-1 | 2834     | 2978     | 2956     | 2923     | 2.66   | cps   |
| Lead       | 208-1 | 12458    | 12881    | 13203    | 12847    | 2.91   | cps   |
| Lithium    | 6-1   | 1802656  | 1803392  | 1768643  | 1791564  | 1.11   | cps   |
| Magnesium  | 24-2  | 529018   | 529113   | 519871   | 526000   | 1.01   | cps   |
| Manganese  | 55-2  | 40369    | 40556    | 39914    | 40280    | 0.82   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-48-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:29:43  | DataFile Name :   | 168SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 750      | 542      | 675      | 656      | 16.10  | cps   |
| Molybdenum | 95-1  | 442      | 300      | 333      | 358      | 20.67  | cps   |
| Molybdenum | 96-1  | 442      | 550      | 317      | 436      | 26.78  | cps   |
| Molybdenum | 97-1  | 317      | 308      | 325      | 317      | 2.63   | cps   |
| Molybdenum | 98-1  | 583      | 433      | 450      | 489      | 16.82  | cps   |
| Neodymium  | 150-1 | 53       | 73       | 113      | 80       | 38.18  | cps   |
| Neodymium  | 150-2 | 27       | 30       | 27       | 28       | 6.92   | cps   |
| Nickel     | 60-2  | 640      | 617      | 733      | 663      | 9.31   | cps   |
| Phosphorus | 31-2  | 6860     | 6985     | 7569     | 7138     | 5.30   | cps   |
| Potassium  | 39-2  | 279189   | 283794   | 278314   | 280432   | 1.05   | cps   |
| Rhodium    | 103-1 | 12491056 | 12436240 | 12452720 | 12460005 | 0.23   | cps   |
| Rhodium    | 103-2 | 6220298  | 6189807  | 6153388  | 6187831  | 0.54   | cps   |
| Scandium   | 45-1  | 8252896  | 8237228  | 8255493  | 8248539  | 0.12   | cps   |
| Scandium   | 45-2  | 425566   | 422693   | 420872   | 423044   | 0.56   | cps   |
| Selenium   | 77-2  | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 117      | 104      | 120      | 114      | 7.71   | cps   |
| Selenium   | 82-1  | 167      | 25       | 217      | 137      | 72.95  | cps   |
| Silicon    | 28-1  | 9269675  | 9043718  | 9132451  | 9148615  | 1.24   | cps   |
| Silver     | 109-1 | 208      | 117      | 208      | 178      | 29.77  | cps   |
| Silver     | 107-1 | 167      | 158      | 158      | 161      | 2.98   | cps   |
| Sodium     | 23-2  | 8853345  | 8978653  | 8851313  | 8894437  | 0.82   | cps   |
| Strontium  | 86-1  | 104067   | 104629   | 103153   | 103950   | 0.72   | cps   |
| Strontium  | 88-1  | 899787   | 899363   | 896208   | 898452   | 0.22   | cps   |
| Sulfur     | 34-1  | 538783   | 540423   | 540914   | 540040   | 0.21   | cps   |
| Terbium    | 159-1 | 17917278 | 17914383 | 17707530 | 17846397 | 0.67   | cps   |
| Terbium    | 159-2 | 9006842  | 9131374  | 8981982  | 9040066  | 0.89   | cps   |
| Thallium   | 203-1 | 400      | 333      | 358      | 364      | 9.26   | cps   |
| Thallium   | 205-1 | 650      | 975      | 950      | 858      | 21.07  | cps   |
| Tin        | 118-1 | 558      | 608      | 667      | 611      | 8.87   | cps   |
| Titanium   | 47-1  | 1067     | 1108     | 850      | 1008     | 13.76  | cps   |
| Uranium    | 238-1 | 583      | 817      | 842      | 747      | 19.07  | cps   |
| Vanadium   | 51-2  | 333      | 303      | 327      | 321      | 4.91   | cps   |
| Yttrium    | 89-1  | 13623368 | 13444170 | 13521751 | 13529763 | 0.66   | cps   |
| Yttrium    | 89-2  | 2137253  | 2138958  | 2134633  | 2136948  | 0.10   | cps   |
| Zinc       | 66-2  | 9036     | 9143     | 9333     | 9171     | 1.64   | cps   |
| Zirconium  | 90-1  | 1317     | 1609     | 1400     | 1442     | 10.42  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-12             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-48-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:29:43  | DataFile Name :   | 168SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 292  | 467  | 344     | 30.82  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-13 Instrumnet Name : P7  
 Client Sample ID : DC25820-49-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:33:07 DataFile Name : 169SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4342     | 4267     | 4501     | 4370     | 2.73   | cps   |
| Antimony   | 121-1 | 1825     | 1892     | 1767     | 1828     | 3.42   | cps   |
| Arsenic    | 75-2  | 180      | 146      | 180      | 169      | 11.42  | cps   |
| Barium     | 135-1 | 61219    | 62041    | 59051    | 60770    | 2.54   | cps   |
| Barium     | 137-1 | 106683   | 106036   | 105464   | 106061   | 0.57   | cps   |
| Beryllium  | 9-1   | 22       | 11       | 11       | 15       | 43.30  | cps   |
| Bismuth    | 209-1 | 11309083 | 11413930 | 11347287 | 11356766 | 0.47   | cps   |
| Bismuth    | 209-2 | 7017257  | 6502771  | 6812367  | 6777465  | 3.82   | cps   |
| Boron      | 10-1  | 2975     | 2809     | 3642     | 3142     | 14.04  | cps   |
| Boron      | 11-1  | 15809    | 15784    | 16535    | 16043    | 2.66   | cps   |
| Cadmium    | 111-1 | 2552     | 2385     | 2346     | 2427     | 4.51   | cps   |
| Cadmium    | 106-1 | 3534     | 3292     | 3226     | 3351     | 4.84   | cps   |
| Cadmium    | 108-1 | 38       | 17       | 29       | 28       | 37.74  | cps   |
| Calcium    | 43-1  | 281163   | 280114   | 282061   | 281113   | 0.35   | cps   |
| Calcium    | 44-1  | 4648280  | 4762444  | 4749536  | 4720087  | 1.32   | cps   |
| Chromium   | 52-2  | 2014     | 2017     | 2060     | 2030     | 1.28   | cps   |
| Cobalt     | 59-2  | 1957     | 1947     | 2000     | 1968     | 1.44   | cps   |
| Copper     | 63-2  | 1476664  | 1479659  | 1480594  | 1478972  | 0.14   | cps   |
| Dysprosium | 156-1 | 83       | 50       | 150      | 94       | 53.91  | cps   |
| Dysprosium | 156-2 | 53       | 23       | 23       | 33       | 51.97  | cps   |
| Erbium     | 164-1 | 108      | 133      | 100      | 114      | 15.23  | cps   |
| Erbium     | 164-2 | 57       | 57       | 53       | 56       | 3.47   | cps   |
| Gadolinium | 160-1 | 125      | 158      | 133      | 139      | 12.49  | cps   |
| Gadolinium | 160-2 | 207      | 130      | 200      | 179      | 23.74  | cps   |
| Holmium    | 165-1 | 17151726 | 17118883 | 17188398 | 17153002 | 0.20   | cps   |
| Holmium    | 165-2 | 8982167  | 8831788  | 8966372  | 8926776  | 0.93   | cps   |
| Indium     | 115-1 | 13272232 | 13142224 | 13239714 | 13218057 | 0.51   | cps   |
| Indium     | 115-2 | 2733042  | 2707641  | 2701140  | 2713941  | 0.62   | cps   |
| Iron       | 56-2  | 993136   | 983858   | 996585   | 991193   | 0.66   | cps   |
| Iron       | 57-2  | 24922    | 25189    | 25924    | 25345    | 2.05   | cps   |
| Lead       | 206-1 | 29066    | 28436    | 28381    | 28628    | 1.33   | cps   |
| Lead       | 207-1 | 23933    | 24356    | 23905    | 24065    | 1.05   | cps   |
| Lead       | 208-1 | 111829   | 112906   | 111641   | 112126   | 0.61   | cps   |
| Lithium    | 6-1   | 1791267  | 1800399  | 1753058  | 1781575  | 1.41   | cps   |
| Magnesium  | 24-2  | 660327   | 652340   | 659970   | 657546   | 0.69   | cps   |
| Manganese  | 55-2  | 72421    | 71918    | 73285    | 72541    | 0.95   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-49-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:33:07  | DataFile Name :   | 169SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 700      | 833      | 800      | 778      | 8.92   | cps   |
| Molybdenum | 95-1  | 617      | 650      | 575      | 614      | 6.12   | cps   |
| Molybdenum | 96-1  | 683      | 825      | 833      | 781      | 10.80  | cps   |
| Molybdenum | 97-1  | 325      | 575      | 658      | 519      | 33.40  | cps   |
| Molybdenum | 98-1  | 892      | 1267     | 975      | 1045     | 18.85  | cps   |
| Neodymium  | 150-1 | 60       | 53       | 47       | 53       | 12.50  | cps   |
| Neodymium  | 150-2 | 13       | 20       | 17       | 17       | 20.01  | cps   |
| Nickel     | 60-2  | 11251    | 10864    | 11001    | 11039    | 1.78   | cps   |
| Phosphorus | 31-2  | 5610     | 5560     | 6477     | 5882     | 8.77   | cps   |
| Potassium  | 39-2  | 280383   | 280130   | 282666   | 281060   | 0.50   | cps   |
| Rhodium    | 103-1 | 12463916 | 12325149 | 12300498 | 12363188 | 0.71   | cps   |
| Rhodium    | 103-2 | 6156922  | 5946538  | 6147167  | 6083542  | 1.95   | cps   |
| Scandium   | 45-1  | 8205143  | 8196502  | 8255268  | 8218971  | 0.39   | cps   |
| Scandium   | 45-2  | 429843   | 417128   | 422506   | 423159   | 1.51   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 102      | 113      | 83       | 99       | 15.06  | cps   |
| Selenium   | 82-1  | 33       | 6        | 81       | 40       | 94.90  | cps   |
| Silicon    | 28-1  | 9569927  | 9669436  | 9604047  | 9614470  | 0.53   | cps   |
| Silver     | 109-1 | 617      | 567      | 475      | 553      | 13.00  | cps   |
| Silver     | 107-1 | 633      | 683      | 717      | 678      | 6.19   | cps   |
| Sodium     | 23-2  | 8717059  | 8632075  | 8740074  | 8696402  | 0.65   | cps   |
| Strontium  | 86-1  | 100534   | 99393    | 99896    | 99941    | 0.57   | cps   |
| Strontium  | 88-1  | 870923   | 870744   | 856525   | 866064   | 0.95   | cps   |
| Sulfur     | 34-1  | 543167   | 530875   | 541707   | 538583   | 1.25   | cps   |
| Terbium    | 159-1 | 17742007 | 17712722 | 17614139 | 17689623 | 0.38   | cps   |
| Terbium    | 159-2 | 9093756  | 8787333  | 8881304  | 8920798  | 1.76   | cps   |
| Thallium   | 203-1 | 283      | 408      | 375      | 356      | 18.21  | cps   |
| Thallium   | 205-1 | 892      | 742      | 892      | 842      | 10.29  | cps   |
| Tin        | 118-1 | 6002     | 6127     | 6485     | 6204     | 4.05   | cps   |
| Titanium   | 47-1  | 758      | 883      | 867      | 836      | 8.12   | cps   |
| Uranium    | 238-1 | 758      | 625      | 725      | 703      | 9.87   | cps   |
| Vanadium   | 51-2  | 247      | 287      | 340      | 291      | 16.09  | cps   |
| Yttrium    | 89-1  | 13596481 | 13326181 | 13267010 | 13396557 | 1.31   | cps   |
| Yttrium    | 89-2  | 2128022  | 2093843  | 2133198  | 2118354  | 1.01   | cps   |
| Zinc       | 66-2  | 103060   | 102339   | 101721   | 102374   | 0.65   | cps   |
| Zirconium  | 90-1  | 1350     | 1275     | 1292     | 1306     | 3.02   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-49-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:33:07  | DataFile Name :   | 169SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 333  | 217  | 300     | 24.22  | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-14 Instrumnet Name : P7  
 Client Sample ID : DC25820-50-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:36:33 DataFile Name : 170SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2026     | 2159     | 2034     | 2073     | 3.60   | cps   |
| Antimony   | 121-1 | 975      | 1000     | 908      | 961      | 4.93   | cps   |
| Arsenic    | 75-2  | 172      | 159      | 143      | 158      | 9.40   | cps   |
| Barium     | 135-1 | 62181    | 60842    | 63128    | 62050    | 1.85   | cps   |
| Barium     | 137-1 | 107120   | 107993   | 107590   | 107568   | 0.41   | cps   |
| Beryllium  | 9-1   | 6        | 17       | 6        | 9        | 69.24  | cps   |
| Bismuth    | 209-1 | 11402235 | 11515371 | 11483979 | 11467195 | 0.51   | cps   |
| Bismuth    | 209-2 | 6955804  | 7264603  | 7147327  | 7122578  | 2.19   | cps   |
| Boron      | 10-1  | 3167     | 3226     | 3334     | 3242     | 2.61   | cps   |
| Boron      | 11-1  | 15534    | 17027    | 16234    | 16265    | 4.59   | cps   |
| Cadmium    | 111-1 | 2335     | 2347     | 2326     | 2336     | 0.46   | cps   |
| Cadmium    | 106-1 | 3309     | 3342     | 3301     | 3317     | 0.66   | cps   |
| Cadmium    | 108-1 | 21       | 13       | 25       | 19       | 32.73  | cps   |
| Calcium    | 43-1  | 284949   | 282111   | 284872   | 283977   | 0.57   | cps   |
| Calcium    | 44-1  | 4827604  | 4715200  | 4836871  | 4793225  | 1.41   | cps   |
| Chromium   | 52-2  | 1913     | 1853     | 1827     | 1865     | 2.38   | cps   |
| Cobalt     | 59-2  | 2037     | 1793     | 1920     | 1917     | 6.35   | cps   |
| Copper     | 63-2  | 1491365  | 1486218  | 1500934  | 1492839  | 0.50   | cps   |
| Dysprosium | 156-1 | 125      | 50       | 92       | 89       | 42.28  | cps   |
| Dysprosium | 156-2 | 57       | 60       | 40       | 52       | 20.52  | cps   |
| Erbium     | 164-1 | 158      | 125      | 83       | 122      | 30.74  | cps   |
| Erbium     | 164-2 | 70       | 63       | 60       | 64       | 7.90   | cps   |
| Gadolinium | 160-1 | 158      | 133      | 142      | 144      | 8.81   | cps   |
| Gadolinium | 160-2 | 147      | 187      | 160      | 164      | 12.39  | cps   |
| Holmium    | 165-1 | 17390770 | 17434861 | 17409830 | 17411821 | 0.13   | cps   |
| Holmium    | 165-2 | 9083405  | 9149955  | 9180476  | 9137945  | 0.54   | cps   |
| Indium     | 115-1 | 13270656 | 13398784 | 13409123 | 13359521 | 0.58   | cps   |
| Indium     | 115-2 | 2751509  | 2790749  | 2767550  | 2769936  | 0.71   | cps   |
| Iron       | 56-2  | 846961   | 849018   | 842696   | 846225   | 0.38   | cps   |
| Iron       | 57-2  | 21700    | 21449    | 21327    | 21492    | 0.88   | cps   |
| Lead       | 206-1 | 6896     | 7380     | 6902     | 7060     | 3.93   | cps   |
| Lead       | 207-1 | 6263     | 6068     | 6241     | 6191     | 1.72   | cps   |
| Lead       | 208-1 | 27985    | 28396    | 27695    | 28025    | 1.26   | cps   |
| Lithium    | 6-1   | 1804857  | 1792239  | 1777793  | 1791629  | 0.76   | cps   |
| Magnesium  | 24-2  | 659540   | 660637   | 677700   | 665959   | 1.53   | cps   |
| Manganese  | 55-2  | 73325    | 75007    | 74776    | 74369    | 1.23   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-50-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:36:33  | DataFile Name :   | 170SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 583      | 492      | 533      | 536      | 8.56    | cps   |
| Molybdenum | 95-1  | 383      | 275      | 358      | 339      | 16.74   | cps   |
| Molybdenum | 96-1  | 442      | 483      | 458      | 461      | 4.55    | cps   |
| Molybdenum | 97-1  | 233      | 283      | 200      | 239      | 17.56   | cps   |
| Molybdenum | 98-1  | 433      | 550      | 442      | 475      | 13.70   | cps   |
| Neodymium  | 150-1 | 6838     | 100      | 80       | 2339     | 166.54  | cps   |
| Neodymium  | 150-2 | 30       | 23       | 20       | 24       | 20.83   | cps   |
| Nickel     | 60-2  | 2084     | 2244     | 2030     | 2119     | 5.24    | cps   |
| Phosphorus | 31-2  | 6135     | 6418     | 6193     | 6249     | 2.40    | cps   |
| Potassium  | 39-2  | 279777   | 280235   | 281675   | 280562   | 0.35    | cps   |
| Rhodium    | 103-1 | 12576057 | 12566961 | 12403817 | 12515612 | 0.77    | cps   |
| Rhodium    | 103-2 | 6234954  | 6272728  | 6265589  | 6257757  | 0.32    | cps   |
| Scandium   | 45-1  | 8329261  | 8289809  | 8375581  | 8331550  | 0.52    | cps   |
| Scandium   | 45-2  | 423430   | 443707   | 439966   | 435701   | 2.48    | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60   | cps   |
| Selenium   | 78-2  | 135      | 94       | 85       | 105      | 25.35   | cps   |
| Selenium   | 82-1  | 39       | 5        | -35      | 3        | 1248.32 | cps   |
| Silicon    | 28-1  | 9828458  | 9961665  | 9765983  | 9852035  | 1.01    | cps   |
| Silver     | 109-1 | 167      | 158      | 233      | 186      | 22.09   | cps   |
| Silver     | 107-1 | 333      | 325      | 283      | 314      | 8.53    | cps   |
| Sodium     | 23-2  | 8844871  | 8778874  | 8763133  | 8795626  | 0.49    | cps   |
| Strontium  | 86-1  | 101272   | 101532   | 102648   | 101817   | 0.72    | cps   |
| Strontium  | 88-1  | 886642   | 881238   | 880209   | 882697   | 0.39    | cps   |
| Sulfur     | 34-1  | 536916   | 538475   | 540955   | 538782   | 0.38    | cps   |
| Terbium    | 159-1 | 17868826 | 17868086 | 17949667 | 17895526 | 0.26    | cps   |
| Terbium    | 159-2 | 9058024  | 9150397  | 9074193  | 9094205  | 0.54    | cps   |
| Thallium   | 203-1 | 267      | 308      | 267      | 281      | 8.57    | cps   |
| Thallium   | 205-1 | 858      | 817      | 767      | 814      | 5.64    | cps   |
| Tin        | 118-1 | 967      | 892      | 908      | 922      | 4.27    | cps   |
| Titanium   | 47-1  | 925      | 825      | 1050     | 933      | 12.08   | cps   |
| Uranium    | 238-1 | 767      | 800      | 667      | 745      | 9.32    | cps   |
| Vanadium   | 51-2  | 243      | 273      | 347      | 288      | 18.47   | cps   |
| Yttrium    | 89-1  | 13598216 | 13629629 | 13579109 | 13602318 | 0.19    | cps   |
| Yttrium    | 89-2  | 2161024  | 2183999  | 2160839  | 2168621  | 0.61    | cps   |
| Zinc       | 66-2  | 11418    | 10928    | 11231    | 11192    | 2.21    | cps   |
| Zirconium  | 90-1  | 1350     | 1383     | 1167     | 1300     | 8.98    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-50-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:36:33  | DataFile Name :   | 170SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 250  | 317  | 269     | 15.25  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-51-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:39:58  | DataFile Name :   | 171SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4276     | 4017     | 3984     | 4092     | 3.90   | cps   |
| Antimony   | 121-1 | 24188    | 23662    | 23988    | 23946    | 1.11   | cps   |
| Arsenic    | 75-2  | 235      | 254      | 261      | 250      | 5.34   | cps   |
| Barium     | 135-1 | 115048   | 115342   | 111705   | 114032   | 1.77   | cps   |
| Barium     | 137-1 | 198364   | 194022   | 194081   | 195489   | 1.27   | cps   |
| Beryllium  | 9-1   | 17       | 33       | 11       | 20       | 56.76  | cps   |
| Bismuth    | 209-1 | 11420718 | 11404141 | 11496090 | 11440316 | 0.43   | cps   |
| Bismuth    | 209-2 | 7024129  | 7030732  | 7003671  | 7019511  | 0.20   | cps   |
| Boron      | 10-1  | 2634     | 2434     | 2634     | 2567     | 4.50   | cps   |
| Boron      | 11-1  | 12381    | 13023    | 12422    | 12609    | 2.85   | cps   |
| Cadmium    | 111-1 | 2881     | 2915     | 2886     | 2894     | 0.63   | cps   |
| Cadmium    | 106-1 | 3526     | 3617     | 3609     | 3584     | 1.41   | cps   |
| Cadmium    | 108-1 | 154      | 108      | 117      | 126      | 19.32  | cps   |
| Calcium    | 43-1  | 364087   | 360999   | 364264   | 363117   | 0.51   | cps   |
| Calcium    | 44-1  | 6088588  | 6068645  | 6001013  | 6052749  | 0.76   | cps   |
| Chromium   | 52-2  | 1677     | 1473     | 1573     | 1575     | 6.46   | cps   |
| Cobalt     | 59-2  | 4901     | 4674     | 4537     | 4704     | 3.90   | cps   |
| Copper     | 63-2  | 1968717  | 1950569  | 1942596  | 1953961  | 0.69   | cps   |
| Dysprosium | 156-1 | 117      | 125      | 83       | 108      | 20.35  | cps   |
| Dysprosium | 156-2 | 73       | 90       | 50       | 71       | 28.26  | cps   |
| Erbium     | 164-1 | 200      | 200      | 167      | 189      | 10.19  | cps   |
| Erbium     | 164-2 | 90       | 90       | 87       | 89       | 2.16   | cps   |
| Gadolinium | 160-1 | 167      | 283      | 183      | 211      | 29.89  | cps   |
| Gadolinium | 160-2 | 207      | 207      | 193      | 202      | 3.81   | cps   |
| Holmium    | 165-1 | 17611113 | 17447321 | 17258463 | 17438966 | 1.01   | cps   |
| Holmium    | 165-2 | 9145965  | 8924947  | 8931514  | 9000809  | 1.40   | cps   |
| Indium     | 115-1 | 13447143 | 13346252 | 13348840 | 13380745 | 0.43   | cps   |
| Indium     | 115-2 | 2760420  | 2755254  | 2737933  | 2751203  | 0.43   | cps   |
| Iron       | 56-2  | 456859   | 456016   | 483411   | 465429   | 3.35   | cps   |
| Iron       | 57-2  | 11861    | 12661    | 12378    | 12300    | 3.30   | cps   |
| Lead       | 206-1 | 87039    | 85518    | 86849    | 86469    | 0.96   | cps   |
| Lead       | 207-1 | 73547    | 72693    | 72336    | 72859    | 0.85   | cps   |
| Lead       | 208-1 | 341621   | 335525   | 338468   | 338538   | 0.90   | cps   |
| Lithium    | 6-1   | 1827170  | 1811505  | 1782939  | 1807205  | 1.24   | cps   |
| Magnesium  | 24-2  | 662648   | 662472   | 660183   | 661768   | 0.21   | cps   |
| Manganese  | 55-2  | 252811   | 255043   | 254083   | 253979   | 0.44   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-51-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:39:58  | DataFile Name :   | 171SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 742      | 842      | 683      | 756      | 10.60  | cps   |
| Molybdenum | 95-1  | 458      | 458      | 375      | 431      | 11.17  | cps   |
| Molybdenum | 96-1  | 483      | 558      | 550      | 531      | 7.75   | cps   |
| Molybdenum | 97-1  | 408      | 308      | 267      | 328      | 22.21  | cps   |
| Molybdenum | 98-1  | 742      | 650      | 642      | 678      | 8.19   | cps   |
| Neodymium  | 150-1 | 60       | 133      | 160      | 118      | 43.97  | cps   |
| Neodymium  | 150-2 | 43       | 53       | 57       | 51       | 13.58  | cps   |
| Nickel     | 60-2  | 216412   | 214657   | 212735   | 214601   | 0.86   | cps   |
| Phosphorus | 31-2  | 4192     | 4259     | 4693     | 4381     | 6.20   | cps   |
| Potassium  | 39-2  | 316640   | 313108   | 312868   | 314205   | 0.67   | cps   |
| Rhodium    | 103-1 | 12549453 | 12587096 | 12321483 | 12486011 | 1.15   | cps   |
| Rhodium    | 103-2 | 6195028  | 6122862  | 6158961  | 6158950  | 0.59   | cps   |
| Scandium   | 45-1  | 8323841  | 8191124  | 8184264  | 8233077  | 0.96   | cps   |
| Scandium   | 45-2  | 428664   | 424040   | 425797   | 426167   | 0.55   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 122      | 122      | 98       | 114      | 12.17  | cps   |
| Selenium   | 82-1  | 102      | 65       | 82       | 83       | 22.38  | cps   |
| Silicon    | 28-1  | 9251011  | 9137143  | 9148950  | 9179035  | 0.68   | cps   |
| Silver     | 109-1 | 2175     | 2400     | 2259     | 2278     | 4.99   | cps   |
| Silver     | 107-1 | 2534     | 2409     | 2375     | 2439     | 3.42   | cps   |
| Sodium     | 23-2  | 9206962  | 9231891  | 9234630  | 9224494  | 0.17   | cps   |
| Strontium  | 86-1  | 134634   | 133448   | 133573   | 133885   | 0.49   | cps   |
| Strontium  | 88-1  | 1178267  | 1172938  | 1181426  | 1177543  | 0.36   | cps   |
| Sulfur     | 34-1  | 545067   | 549587   | 544022   | 546225   | 0.54   | cps   |
| Terbium    | 159-1 | 17921619 | 17890080 | 17875277 | 17895659 | 0.13   | cps   |
| Terbium    | 159-2 | 9101476  | 9040591  | 9031048  | 9057705  | 0.42   | cps   |
| Thallium   | 203-1 | 817      | 708      | 875      | 800      | 10.57  | cps   |
| Thallium   | 205-1 | 1834     | 1867     | 1800     | 1834     | 1.82   | cps   |
| Tin        | 118-1 | 34443    | 33608    | 34535    | 34195    | 1.49   | cps   |
| Titanium   | 47-1  | 958      | 1083     | 900      | 981      | 9.55   | cps   |
| Uranium    | 238-1 | 3134     | 3401     | 3209     | 3248     | 4.24   | cps   |
| Vanadium   | 51-2  | 330      | 323      | 253      | 302      | 14.05  | cps   |
| Yttrium    | 89-1  | 13696265 | 13601164 | 13581324 | 13626251 | 0.45   | cps   |
| Yttrium    | 89-2  | 2150131  | 2136859  | 2125070  | 2137353  | 0.59   | cps   |
| Zinc       | 66-2  | 1359401  | 1346816  | 1342656  | 1349624  | 0.65   | cps   |
| Zirconium  | 90-1  | 1242     | 1250     | 1300     | 1264     | 2.50   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-51-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:39:58  | DataFile Name :   | 171SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 392  | 308  | 325     | 18.49  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-16 Instrumnet Name : P7  
 Client Sample ID : DC25820-52-FL1-CL5-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:43:23 DataFile Name : 172SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1450     | 1951     | 1717     | 1706     | 14.69  | cps   |
| Antimony   | 121-1 | 917      | 958      | 950      | 942      | 2.34   | cps   |
| Arsenic    | 75-2  | 172      | 176      | 165      | 171      | 3.31   | cps   |
| Barium     | 135-1 | 70420    | 68587    | 68854    | 69287    | 1.43   | cps   |
| Barium     | 137-1 | 122150   | 121098   | 119653   | 120967   | 1.04   | cps   |
| Beryllium  | 9-1   | 50       | 28       | 17       | 31       | 53.90  | cps   |
| Bismuth    | 209-1 | 11452098 | 11385205 | 11466079 | 11434461 | 0.38   | cps   |
| Bismuth    | 209-2 | 7102513  | 7036753  | 7019011  | 7052759  | 0.62   | cps   |
| Boron      | 10-1  | 1834     | 1642     | 1725     | 1734     | 5.54   | cps   |
| Boron      | 11-1  | 8052     | 9228     | 8486     | 8589     | 6.92   | cps   |
| Cadmium    | 111-1 | 2320     | 2344     | 2398     | 2354     | 1.71   | cps   |
| Cadmium    | 106-1 | 3251     | 3342     | 3367     | 3320     | 1.85   | cps   |
| Cadmium    | 108-1 | 8        | 29       | 13       | 17       | 66.16  | cps   |
| Calcium    | 43-1  | 282302   | 282790   | 283703   | 282932   | 0.25   | cps   |
| Calcium    | 44-1  | 4762468  | 4747199  | 4665182  | 4724950  | 1.11   | cps   |
| Chromium   | 52-2  | 1937     | 2167     | 2050     | 2051     | 5.61   | cps   |
| Cobalt     | 59-2  | 313      | 330      | 313      | 319      | 3.02   | cps   |
| Copper     | 63-2  | 230142   | 228650   | 226762   | 228518   | 0.74   | cps   |
| Dysprosium | 156-1 | 42       | 108      | 133      | 94       | 50.17  | cps   |
| Dysprosium | 156-2 | 43       | 30       | 40       | 38       | 18.36  | cps   |
| Erbium     | 164-1 | 108      | 133      | 183      | 142      | 26.96  | cps   |
| Erbium     | 164-2 | 77       | 70       | 57       | 68       | 15.02  | cps   |
| Gadolinium | 160-1 | 158      | 117      | 242      | 172      | 36.96  | cps   |
| Gadolinium | 160-2 | 157      | 200      | 160      | 172      | 14.00  | cps   |
| Holmium    | 165-1 | 17572477 | 17469917 | 17268992 | 17437129 | 0.89   | cps   |
| Holmium    | 165-2 | 9099288  | 8992124  | 8917463  | 9002958  | 1.02   | cps   |
| Indium     | 115-1 | 13338326 | 13248571 | 13315310 | 13300735 | 0.35   | cps   |
| Indium     | 115-2 | 2774190  | 2748122  | 2759447  | 2760587  | 0.47   | cps   |
| Iron       | 56-2  | 118228   | 118964   | 118511   | 118568   | 0.31   | cps   |
| Iron       | 57-2  | 3895     | 3917     | 3840     | 3884     | 1.03   | cps   |
| Lead       | 206-1 | 7108     | 7024     | 6752     | 6961     | 2.67   | cps   |
| Lead       | 207-1 | 5729     | 5840     | 5835     | 5801     | 1.08   | cps   |
| Lead       | 208-1 | 26683    | 27145    | 26628    | 26819    | 1.06   | cps   |
| Lithium    | 6-1   | 1817138  | 1811760  | 1806831  | 1811909  | 0.28   | cps   |
| Magnesium  | 24-2  | 517458   | 520292   | 518624   | 518791   | 0.27   | cps   |
| Manganese  | 55-2  | 47818    | 48460    | 47152    | 47810    | 1.37   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-16 Instrumnet Name : P7  
 Client Sample ID : DC25820-52-FL1-CL5-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:43:23 DataFile Name : 172SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 725      | 608      | 567      | 633      | 12.96  | cps   |
| Molybdenum | 95-1  | 292      | 308      | 258      | 286      | 8.90   | cps   |
| Molybdenum | 96-1  | 450      | 383      | 375      | 403      | 10.20  | cps   |
| Molybdenum | 97-1  | 233      | 283      | 267      | 261      | 9.75   | cps   |
| Molybdenum | 98-1  | 400      | 442      | 467      | 436      | 7.72   | cps   |
| Neodymium  | 150-1 | 100      | 120      | 80       | 100      | 20.00  | cps   |
| Neodymium  | 150-2 | 10       | 17       | 37       | 21       | 65.74  | cps   |
| Nickel     | 60-2  | 4301     | 4317     | 4291     | 4303     | 0.31   | cps   |
| Phosphorus | 31-2  | 7227     | 6910     | 7452     | 7196     | 3.78   | cps   |
| Potassium  | 39-2  | 280161   | 280036   | 280761   | 280319   | 0.14   | cps   |
| Rhodium    | 103-1 | 12687401 | 12563495 | 12498807 | 12583234 | 0.76   | cps   |
| Rhodium    | 103-2 | 6310948  | 6230843  | 6228699  | 6256830  | 0.75   | cps   |
| Scandium   | 45-1  | 8311379  | 8300640  | 8307932  | 8306650  | 0.07   | cps   |
| Scandium   | 45-2  | 430606   | 428971   | 426595   | 428724   | 0.47   | cps   |
| Selenium   | 77-2  | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 111      | 133      | 128      | 124      | 9.32   | cps   |
| Selenium   | 82-1  | 113      | 93       | 15       | 73       | 70.23  | cps   |
| Silicon    | 28-1  | 9258972  | 9242614  | 9088891  | 9196826  | 1.02   | cps   |
| Silver     | 109-1 | 158      | 183      | 100      | 147      | 29.05  | cps   |
| Silver     | 107-1 | 125      | 233      | 200      | 186      | 29.81  | cps   |
| Sodium     | 23-2  | 8912929  | 8822054  | 8917965  | 8884316  | 0.61   | cps   |
| Strontium  | 86-1  | 102421   | 103824   | 103689   | 103312   | 0.75   | cps   |
| Strontium  | 88-1  | 891395   | 894319   | 886381   | 890698   | 0.45   | cps   |
| Sulfur     | 34-1  | 547193   | 547576   | 548178   | 547649   | 0.09   | cps   |
| Terbium    | 159-1 | 18021781 | 17746403 | 17791000 | 17853062 | 0.83   | cps   |
| Terbium    | 159-2 | 9130460  | 9065461  | 9082544  | 9092822  | 0.37   | cps   |
| Thallium   | 203-1 | 425      | 267      | 258      | 317      | 29.65  | cps   |
| Thallium   | 205-1 | 800      | 758      | 958      | 839      | 12.58  | cps   |
| Tin        | 118-1 | 850      | 942      | 925      | 906      | 5.39   | cps   |
| Titanium   | 47-1  | 1042     | 1025     | 1142     | 1070     | 5.90   | cps   |
| Uranium    | 238-1 | 850      | 883      | 908      | 881      | 3.32   | cps   |
| Vanadium   | 51-2  | 430      | 387      | 337      | 384      | 12.15  | cps   |
| Yttrium    | 89-1  | 13745579 | 13643551 | 13424133 | 13604421 | 1.21   | cps   |
| Yttrium    | 89-2  | 2158774  | 2148329  | 2133122  | 2146742  | 0.60   | cps   |
| Zinc       | 66-2  | 33505    | 33064    | 32998    | 33189    | 0.83   | cps   |
| Zirconium  | 90-1  | 1083     | 1367     | 1300     | 1250     | 11.85  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-52-FL1-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:43:23  | DataFile Name :   | 172SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 333  | 317  | 319     | 3.98   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-17 Instrumnet Name : P7  
 Client Sample ID : DC25820-53-FL1-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:46:48 DataFile Name : 173SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2509     | 2517     | 2709     | 2578     | 4.39   | cps   |
| Antimony   | 121-1 | 1492     | 1525     | 1542     | 1520     | 1.68   | cps   |
| Arsenic    | 75-2  | 172      | 215      | 189      | 192      | 11.18  | cps   |
| Barium     | 135-1 | 86653    | 87365    | 88078    | 87365    | 0.82   | cps   |
| Barium     | 137-1 | 152244   | 150905   | 152200   | 151783   | 0.50   | cps   |
| Beryllium  | 9-1   | 6        | 11       | 6        | 7        | 43.24  | cps   |
| Bismuth    | 209-1 | 11294328 | 11252539 | 11404927 | 11317265 | 0.70   | cps   |
| Bismuth    | 209-2 | 6973741  | 7003717  | 6460490  | 6812649  | 4.48   | cps   |
| Boron      | 10-1  | 1600     | 1650     | 1625     | 1625     | 1.54   | cps   |
| Boron      | 11-1  | 8503     | 8886     | 9120     | 8836     | 3.53   | cps   |
| Cadmium    | 111-1 | 2753     | 2595     | 2334     | 2561     | 8.26   | cps   |
| Cadmium    | 106-1 | 3642     | 3426     | 3017     | 3362     | 9.44   | cps   |
| Cadmium    | 108-1 | 67       | 46       | 88       | 67       | 31.25  | cps   |
| Calcium    | 43-1  | 286407   | 286978   | 287759   | 287048   | 0.24   | cps   |
| Calcium    | 44-1  | 4787481  | 4682229  | 4838406  | 4769372  | 1.67   | cps   |
| Chromium   | 52-2  | 1827     | 1870     | 1883     | 1860     | 1.59   | cps   |
| Cobalt     | 59-2  | 2664     | 2864     | 2924     | 2817     | 4.83   | cps   |
| Copper     | 63-2  | 985130   | 988741   | 999003   | 990958   | 0.73   | cps   |
| Dysprosium | 156-1 | 142      | 67       | 100      | 103      | 36.56  | cps   |
| Dysprosium | 156-2 | 107      | 63       | 43       | 71       | 45.53  | cps   |
| Erbium     | 164-1 | 183      | 167      | 200      | 183      | 9.09   | cps   |
| Erbium     | 164-2 | 60       | 87       | 123      | 90       | 35.33  | cps   |
| Gadolinium | 160-1 | 192      | 267      | 208      | 222      | 17.72  | cps   |
| Gadolinium | 160-2 | 183      | 230      | 210      | 208      | 11.27  | cps   |
| Holmium    | 165-1 | 17339843 | 17449947 | 17289152 | 17359647 | 0.47   | cps   |
| Holmium    | 165-2 | 8997515  | 9057791  | 8773087  | 8942798  | 1.68   | cps   |
| Indium     | 115-1 | 13268909 | 13189068 | 13246116 | 13234697 | 0.31   | cps   |
| Indium     | 115-2 | 2723598  | 2728502  | 2689394  | 2713831  | 0.79   | cps   |
| Iron       | 56-2  | 299714   | 299658   | 306063   | 301812   | 1.22   | cps   |
| Iron       | 57-2  | 8097     | 8386     | 8375     | 8286     | 1.98   | cps   |
| Lead       | 206-1 | 70458    | 70995    | 69123    | 70192    | 1.37   | cps   |
| Lead       | 207-1 | 58496    | 58903    | 58032    | 58477    | 0.74   | cps   |
| Lead       | 208-1 | 272674   | 271939   | 268895   | 271169   | 0.74   | cps   |
| Lithium    | 6-1   | 1809070  | 1788951  | 1792136  | 1796719  | 0.60   | cps   |
| Magnesium  | 24-2  | 522111   | 531044   | 527318   | 526824   | 0.85   | cps   |
| Manganese  | 55-2  | 96427    | 95702    | 96504    | 96211    | 0.46   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-53-FL1-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:46:48  | DataFile Name :   | 173SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 683      | 658      | 750      | 697      | 6.80   | cps   |
| Molybdenum | 95-1  | 275      | 425      | 383      | 361      | 21.44  | cps   |
| Molybdenum | 96-1  | 542      | 375      | 492      | 469      | 18.22  | cps   |
| Molybdenum | 97-1  | 217      | 333      | 283      | 278      | 21.07  | cps   |
| Molybdenum | 98-1  | 467      | 600      | 525      | 531      | 12.60  | cps   |
| Neodymium  | 150-1 | 167      | 160      | 107      | 144      | 22.77  | cps   |
| Neodymium  | 150-2 | 47       | 93       | 73       | 71       | 32.92  | cps   |
| Nickel     | 60-2  | 465492   | 462213   | 464686   | 464130   | 0.37   | cps   |
| Phosphorus | 31-2  | 5768     | 6051     | 6285     | 6035     | 4.29   | cps   |
| Potassium  | 39-2  | 284904   | 285141   | 281456   | 283833   | 0.73   | cps   |
| Rhodium    | 103-1 | 12527071 | 12604478 | 12420139 | 12517229 | 0.74   | cps   |
| Rhodium    | 103-2 | 6159782  | 6167423  | 6022483  | 6116562  | 1.33   | cps   |
| Scandium   | 45-1  | 8214709  | 8297593  | 8316965  | 8276422  | 0.66   | cps   |
| Scandium   | 45-2  | 427279   | 425588   | 411290   | 421386   | 2.08   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 100      | 135      | 89       | 108      | 22.38  | cps   |
| Selenium   | 82-1  | 72       | 56       | 3        | 43       | 83.56  | cps   |
| Silicon    | 28-1  | 9405519  | 9443761  | 9339290  | 9396190  | 0.56   | cps   |
| Silver     | 109-1 | 892      | 1008     | 883      | 928      | 7.53   | cps   |
| Silver     | 107-1 | 1208     | 1008     | 950      | 1056     | 12.84  | cps   |
| Sodium     | 23-2  | 8951206  | 9065265  | 8953996  | 8990156  | 0.72   | cps   |
| Strontium  | 86-1  | 105268   | 104614   | 104830   | 104904   | 0.32   | cps   |
| Strontium  | 88-1  | 917582   | 923483   | 912803   | 917956   | 0.58   | cps   |
| Sulfur     | 34-1  | 546547   | 547720   | 550556   | 548275   | 0.38   | cps   |
| Terbium    | 159-1 | 17867313 | 17816198 | 17981372 | 17888294 | 0.47   | cps   |
| Terbium    | 159-2 | 8990675  | 8969906  | 8883747  | 8948109  | 0.63   | cps   |
| Thallium   | 203-1 | 558      | 533      | 450      | 514      | 11.04  | cps   |
| Thallium   | 205-1 | 1308     | 1208     | 1458     | 1325     | 9.50   | cps   |
| Tin        | 118-1 | 5793     | 5877     | 6043     | 5904     | 2.16   | cps   |
| Titanium   | 47-1  | 1267     | 1358     | 1575     | 1400     | 11.32  | cps   |
| Uranium    | 238-1 | 1483     | 1525     | 1350     | 1453     | 6.29   | cps   |
| Vanadium   | 51-2  | 370      | 450      | 413      | 411      | 9.74   | cps   |
| Yttrium    | 89-1  | 13609621 | 13539261 | 13360631 | 13503171 | 0.95   | cps   |
| Yttrium    | 89-2  | 2131559  | 2128559  | 2106763  | 2122294  | 0.64   | cps   |
| Zinc       | 66-2  | 477575   | 480895   | 487148   | 481873   | 1.01   | cps   |
| Zirconium  | 90-1  | 1308     | 1350     | 1442     | 1367     | 4.99   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-53-FL1-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:46:48  | DataFile Name :   | 173SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 333  | 233  | 278     | 18.33  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-54-FL1-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:50:13  | DataFile Name :   | 174SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1784     | 2067     | 1784     | 1878     | 8.71   | cps   |
| Antimony   | 121-1 | 725      | 767      | 808      | 767      | 5.43   | cps   |
| Arsenic    | 75-2  | 169      | 170      | 169      | 169      | 0.63   | cps   |
| Barium     | 135-1 | 69541    | 69533    | 68921    | 69332    | 0.51   | cps   |
| Barium     | 137-1 | 120687   | 121453   | 119873   | 120671   | 0.65   | cps   |
| Beryllium  | 9-1   | 28       | 22       | 28       | 26       | 12.38  | cps   |
| Bismuth    | 209-1 | 11327828 | 11227518 | 11049740 | 11201695 | 1.26   | cps   |
| Bismuth    | 209-2 | 7159607  | 7061924  | 7054799  | 7092110  | 0.83   | cps   |
| Boron      | 10-1  | 1642     | 1717     | 1709     | 1689     | 2.43   | cps   |
| Boron      | 11-1  | 8119     | 8036     | 8186     | 8114     | 0.93   | cps   |
| Cadmium    | 111-1 | 2604     | 2419     | 2227     | 2416     | 7.80   | cps   |
| Cadmium    | 106-1 | 3717     | 3442     | 3192     | 3451     | 7.61   | cps   |
| Cadmium    | 108-1 | 33       | 17       | 29       | 26       | 32.86  | cps   |
| Calcium    | 43-1  | 283275   | 280866   | 280058   | 281400   | 0.59   | cps   |
| Calcium    | 44-1  | 4785104  | 4645799  | 4632153  | 4687685  | 1.81   | cps   |
| Chromium   | 52-2  | 1697     | 1580     | 1607     | 1628     | 3.76   | cps   |
| Cobalt     | 59-2  | 353      | 320      | 317      | 330      | 6.14   | cps   |
| Copper     | 63-2  | 245132   | 240990   | 244472   | 243531   | 0.91   | cps   |
| Dysprosium | 156-1 | 92       | 117      | 108      | 106      | 12.06  | cps   |
| Dysprosium | 156-2 | 37       | 50       | 40       | 42       | 16.43  | cps   |
| Erbium     | 164-1 | 133      | 100      | 125      | 119      | 14.53  | cps   |
| Erbium     | 164-2 | 70       | 80       | 87       | 79       | 10.64  | cps   |
| Gadolinium | 160-1 | 208      | 175      | 242      | 208      | 16.00  | cps   |
| Gadolinium | 160-2 | 183      | 167      | 153      | 168      | 8.96   | cps   |
| Holmium    | 165-1 | 17190250 | 17440945 | 17224025 | 17285073 | 0.79   | cps   |
| Holmium    | 165-2 | 9140564  | 9043027  | 8973044  | 9052212  | 0.93   | cps   |
| Indium     | 115-1 | 13173131 | 13387653 | 13092099 | 13217628 | 1.16   | cps   |
| Indium     | 115-2 | 2772379  | 2752008  | 2763992  | 2762793  | 0.37   | cps   |
| Iron       | 56-2  | 145234   | 139153   | 145768   | 143385   | 2.56   | cps   |
| Iron       | 57-2  | 4195     | 3984     | 4251     | 4143     | 3.40   | cps   |
| Lead       | 206-1 | 5173     | 5184     | 5129     | 5162     | 0.57   | cps   |
| Lead       | 207-1 | 4512     | 4273     | 4273     | 4353     | 3.17   | cps   |
| Lead       | 208-1 | 20379    | 20284    | 20329    | 20331    | 0.23   | cps   |
| Lithium    | 6-1   | 1801785  | 1790432  | 1779053  | 1790423  | 0.63   | cps   |
| Magnesium  | 24-2  | 517932   | 519372   | 523448   | 520251   | 0.55   | cps   |
| Manganese  | 55-2  | 50470    | 49945    | 50139    | 50184    | 0.53   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-54-FL1-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:50:13  | DataFile Name :   | 174SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 633      | 592      | 600      | 608      | 3.63   | cps   |
| Molybdenum | 95-1  | 258      | 250      | 333      | 281      | 16.36  | cps   |
| Molybdenum | 96-1  | 425      | 392      | 358      | 392      | 8.51   | cps   |
| Molybdenum | 97-1  | 325      | 300      | 258      | 294      | 11.44  | cps   |
| Molybdenum | 98-1  | 542      | 492      | 567      | 533      | 7.16   | cps   |
| Neodymium  | 150-1 | 113      | 67       | 127      | 102      | 30.82  | cps   |
| Neodymium  | 150-2 | 30       | 47       | 40       | 39       | 21.57  | cps   |
| Nickel     | 60-2  | 10167    | 10447    | 10197    | 10270    | 1.50   | cps   |
| Phosphorus | 31-2  | 6910     | 6652     | 6919     | 6827     | 2.22   | cps   |
| Potassium  | 39-2  | 278679   | 276989   | 275700   | 277123   | 0.54   | cps   |
| Rhodium    | 103-1 | 12658864 | 12377570 | 12359935 | 12465456 | 1.35   | cps   |
| Rhodium    | 103-2 | 6264072  | 6138095  | 6195337  | 6199168  | 1.02   | cps   |
| Scandium   | 45-1  | 8192864  | 8195628  | 8082017  | 8156836  | 0.79   | cps   |
| Scandium   | 45-2  | 431530   | 430407   | 425793   | 429243   | 0.71   | cps   |
| Selenium   | 77-2  | 10       | 3        | 3        | 6        | 69.34  | cps   |
| Selenium   | 78-2  | 104      | 120      | 106      | 110      | 8.31   | cps   |
| Selenium   | 82-1  | 56       | -5       | 20       | 24       | 129.94 | cps   |
| Silicon    | 28-1  | 9217289  | 9053415  | 9103587  | 9124764  | 0.92   | cps   |
| Silver     | 109-1 | 158      | 100      | 200      | 153      | 32.88  | cps   |
| Silver     | 107-1 | 192      | 333      | 275      | 267      | 26.70  | cps   |
| Sodium     | 23-2  | 8800416  | 8808456  | 8899529  | 8836134  | 0.62   | cps   |
| Strontium  | 86-1  | 104025   | 100911   | 101853   | 102263   | 1.56   | cps   |
| Strontium  | 88-1  | 905892   | 890140   | 895735   | 897256   | 0.89   | cps   |
| Sulfur     | 34-1  | 539679   | 539644   | 538467   | 539263   | 0.13   | cps   |
| Terbium    | 159-1 | 17801893 | 17709187 | 17344207 | 17618429 | 1.37   | cps   |
| Terbium    | 159-2 | 9151436  | 9120806  | 9098658  | 9123633  | 0.29   | cps   |
| Thallium   | 203-1 | 375      | 200      | 350      | 308      | 30.70  | cps   |
| Thallium   | 205-1 | 883      | 883      | 833      | 867      | 3.33   | cps   |
| Tin        | 118-1 | 1275     | 1092     | 1075     | 1147     | 9.67   | cps   |
| Titanium   | 47-1  | 1117     | 1108     | 1117     | 1114     | 0.43   | cps   |
| Uranium    | 238-1 | 883      | 967      | 767      | 872      | 11.52  | cps   |
| Vanadium   | 51-2  | 397      | 323      | 347      | 356      | 10.54  | cps   |
| Yttrium    | 89-1  | 13504820 | 13492798 | 13414344 | 13470654 | 0.36   | cps   |
| Yttrium    | 89-2  | 2164628  | 2130315  | 2156522  | 2150489  | 0.83   | cps   |
| Zinc       | 66-2  | 19346    | 19934    | 19053    | 19444    | 2.31   | cps   |
| Zirconium  | 90-1  | 1200     | 1175     | 1333     | 1236     | 6.89   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-54-FL1-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:50:13  | DataFile Name :   | 174SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 242  | 308  | 261     | 15.74  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-19 Instrumnet Name : P7  
 Client Sample ID : DC25820-55-FL2-H-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:53:38 DataFile Name : 175SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1033     | 1167     | 992      | 1064     | 8.59   | cps   |
| Antimony   | 121-1 | 2342     | 1925     | 2100     | 2122     | 9.86   | cps   |
| Arsenic    | 75-2  | 131      | 122      | 156      | 136      | 12.62  | cps   |
| Barium     | 135-1 | 79386    | 79720    | 79661    | 79589    | 0.22   | cps   |
| Barium     | 137-1 | 137972   | 135833   | 138999   | 137601   | 1.17   | cps   |
| Beryllium  | 9-1   | 28       | 11       | 22       | 20       | 41.67  | cps   |
| Bismuth    | 209-1 | 11356004 | 11213132 | 11155397 | 11241511 | 0.92   | cps   |
| Bismuth    | 209-2 | 6972391  | 7012215  | 6984782  | 6989796  | 0.29   | cps   |
| Boron      | 10-1  | 1467     | 1367     | 1558     | 1464     | 6.55   | cps   |
| Boron      | 11-1  | 7877     | 7619     | 8561     | 8019     | 6.07   | cps   |
| Cadmium    | 111-1 | 2400     | 2500     | 2219     | 2373     | 6.02   | cps   |
| Cadmium    | 106-1 | 3359     | 3526     | 3159     | 3348     | 5.49   | cps   |
| Cadmium    | 108-1 | 25       | 25       | 25       | 25       | 0.00   | cps   |
| Calcium    | 43-1  | 286781   | 284490   | 284580   | 285283   | 0.45   | cps   |
| Calcium    | 44-1  | 4729852  | 4717911  | 4802351  | 4750038  | 0.96   | cps   |
| Chromium   | 52-2  | 1873     | 1843     | 1770     | 1829     | 2.91   | cps   |
| Cobalt     | 59-2  | 173      | 263      | 273      | 237      | 23.27  | cps   |
| Copper     | 63-2  | 3138906  | 3112824  | 3109617  | 3120449  | 0.51   | cps   |
| Dysprosium | 156-1 | 42       | 92       | 92       | 75       | 38.49  | cps   |
| Dysprosium | 156-2 | 27       | 30       | 43       | 33       | 26.45  | cps   |
| Erbium     | 164-1 | 100      | 108      | 75       | 94       | 18.37  | cps   |
| Erbium     | 164-2 | 40       | 27       | 60       | 42       | 39.73  | cps   |
| Gadolinium | 160-1 | 150      | 192      | 117      | 153      | 24.60  | cps   |
| Gadolinium | 160-2 | 140      | 143      | 133      | 139      | 3.67   | cps   |
| Holmium    | 165-1 | 17496991 | 17227371 | 17422873 | 17382412 | 0.80   | cps   |
| Holmium    | 165-2 | 9007693  | 9089189  | 9023817  | 9040233  | 0.48   | cps   |
| Indium     | 115-1 | 13224813 | 13129516 | 13119704 | 13158011 | 0.44   | cps   |
| Indium     | 115-2 | 2726851  | 2776383  | 2716844  | 2740026  | 1.16   | cps   |
| Iron       | 56-2  | 93212    | 97799    | 95365    | 95459    | 2.40   | cps   |
| Iron       | 57-2  | 3045     | 3250     | 3178     | 3158     | 3.30   | cps   |
| Lead       | 206-1 | 12467    | 12262    | 12250    | 12327    | 0.99   | cps   |
| Lead       | 207-1 | 10360    | 10360    | 9998     | 10239    | 2.04   | cps   |
| Lead       | 208-1 | 48330    | 47952    | 47111    | 47798    | 1.31   | cps   |
| Lithium    | 6-1   | 1770762  | 1768675  | 1758044  | 1765827  | 0.39   | cps   |
| Magnesium  | 24-2  | 495717   | 497518   | 494451   | 495895   | 0.31   | cps   |
| Manganese  | 55-2  | 21696    | 21997    | 21212    | 21635    | 1.83   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-19              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-55-FL2-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:53:38   | DataFile Name :   | 175SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 892      | 592      | 525      | 670      | 29.21  | cps   |
| Molybdenum | 95-1  | 358      | 275      | 417      | 350      | 20.34  | cps   |
| Molybdenum | 96-1  | 450      | 450      | 425      | 442      | 3.27   | cps   |
| Molybdenum | 97-1  | 325      | 275      | 167      | 256      | 31.67  | cps   |
| Molybdenum | 98-1  | 400      | 475      | 458      | 444      | 8.86   | cps   |
| Neodymium  | 150-1 | 80       | 40       | 73       | 64       | 33.25  | cps   |
| Neodymium  | 150-2 | 17       | 23       | 33       | 24       | 34.31  | cps   |
| Nickel     | 60-2  | 2204     | 2347     | 2310     | 2287     | 3.26   | cps   |
| Phosphorus | 31-2  | 4784     | 5101     | 4768     | 4884     | 3.85   | cps   |
| Potassium  | 39-2  | 267839   | 268623   | 271892   | 269451   | 0.80   | cps   |
| Rhodium    | 103-1 | 12526997 | 12326640 | 12391865 | 12415167 | 0.82   | cps   |
| Rhodium    | 103-2 | 6137078  | 6167069  | 6124170  | 6142772  | 0.36   | cps   |
| Scandium   | 45-1  | 8139468  | 8186029  | 8203162  | 8176220  | 0.40   | cps   |
| Scandium   | 45-2  | 427294   | 427828   | 418706   | 424609   | 1.21   | cps   |
| Selenium   | 77-2  | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 87       | 98       | 98       | 94       | 6.79   | cps   |
| Selenium   | 82-1  | 62       | -16      | 84       | 44       | 121.70 | cps   |
| Silicon    | 28-1  | 10029985 | 9719804  | 9861610  | 9870466  | 1.57   | cps   |
| Silver     | 109-1 | 467      | 450      | 567      | 495      | 12.78  | cps   |
| Silver     | 107-1 | 500      | 408      | 608      | 506      | 19.81  | cps   |
| Sodium     | 23-2  | 8072641  | 8021362  | 8022988  | 8038997  | 0.36   | cps   |
| Strontium  | 86-1  | 107483   | 106427   | 105536   | 106482   | 0.92   | cps   |
| Strontium  | 88-1  | 929920   | 930447   | 923220   | 927862   | 0.43   | cps   |
| Sulfur     | 34-1  | 533424   | 528799   | 532410   | 531544   | 0.46   | cps   |
| Terbium    | 159-1 | 17741178 | 17714997 | 17626191 | 17694122 | 0.34   | cps   |
| Terbium    | 159-2 | 8986614  | 9009464  | 8956825  | 8984301  | 0.29   | cps   |
| Thallium   | 203-1 | 350      | 267      | 275      | 297      | 15.44  | cps   |
| Thallium   | 205-1 | 792      | 875      | 917      | 861      | 7.39   | cps   |
| Tin        | 118-1 | 2909     | 2584     | 2500     | 2664     | 8.10   | cps   |
| Titanium   | 47-1  | 775      | 767      | 975      | 839      | 14.06  | cps   |
| Uranium    | 238-1 | 500      | 417      | 583      | 500      | 16.67  | cps   |
| Vanadium   | 51-2  | 260      | 343      | 360      | 321      | 16.68  | cps   |
| Yttrium    | 89-1  | 13397364 | 13347688 | 13424995 | 13390015 | 0.29   | cps   |
| Yttrium    | 89-2  | 2133563  | 2154259  | 2127231  | 2138351  | 0.66   | cps   |
| Zinc       | 66-2  | 54812    | 55365    | 55358    | 55178    | 0.57   | cps   |
| Zirconium  | 90-1  | 1242     | 950      | 1963     | 1385     | 37.65  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-19              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-55-FL2-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:53:38   | DataFile Name :   | 175SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 325  | 308  | 208  | 281     | 22.49  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-20 Instrumnet Name : P7  
 Client Sample ID : DC25820-56-FL2-H-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 01:57:03 DataFile Name : 176SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 900      | 1042     | 1183     | 1042     | 13.60  | cps   |
| Antimony   | 121-1 | 2459     | 2209     | 2375     | 2348     | 5.42   | cps   |
| Arsenic    | 75-2  | 161      | 131      | 154      | 149      | 10.37  | cps   |
| Barium     | 135-1 | 82168    | 80130    | 79897    | 80732    | 1.55   | cps   |
| Barium     | 137-1 | 141329   | 138215   | 139217   | 139587   | 1.14   | cps   |
| Beryllium  | 9-1   | 22       | 44       | 17       | 28       | 52.92  | cps   |
| Bismuth    | 209-1 | 11308607 | 11347752 | 11346692 | 11334350 | 0.20   | cps   |
| Bismuth    | 209-2 | 6987774  | 6956677  | 6875240  | 6939897  | 0.84   | cps   |
| Boron      | 10-1  | 1458     | 1433     | 1725     | 1539     | 10.51  | cps   |
| Boron      | 11-1  | 8019     | 8027     | 8094     | 8047     | 0.51   | cps   |
| Cadmium    | 111-1 | 2162     | 2174     | 2288     | 2208     | 3.15   | cps   |
| Cadmium    | 106-1 | 3009     | 3059     | 3192     | 3087     | 3.07   | cps   |
| Cadmium    | 108-1 | 21       | 25       | 13       | 19       | 32.73  | cps   |
| Calcium    | 43-1  | 285110   | 284215   | 283948   | 284424   | 0.21   | cps   |
| Calcium    | 44-1  | 4792865  | 4657976  | 4689603  | 4713481  | 1.50   | cps   |
| Chromium   | 52-2  | 1497     | 1350     | 1330     | 1392     | 6.54   | cps   |
| Cobalt     | 59-2  | 173      | 253      | 200      | 209      | 19.50  | cps   |
| Copper     | 63-2  | 2916712  | 2935103  | 2905250  | 2919021  | 0.52   | cps   |
| Dysprosium | 156-1 | 42       | 75       | 58       | 58       | 28.57  | cps   |
| Dysprosium | 156-2 | 40       | 23       | 27       | 30       | 29.40  | cps   |
| Erbium     | 164-1 | 92       | 67       | 75       | 78       | 16.37  | cps   |
| Erbium     | 164-2 | 40       | 50       | 37       | 42       | 16.43  | cps   |
| Gadolinium | 160-1 | 158      | 92       | 233      | 161      | 43.99  | cps   |
| Gadolinium | 160-2 | 137      | 147      | 127      | 137      | 7.32   | cps   |
| Holmium    | 165-1 | 17389502 | 17389906 | 17301881 | 17360429 | 0.29   | cps   |
| Holmium    | 165-2 | 9073315  | 8951032  | 8908940  | 8977763  | 0.95   | cps   |
| Indium     | 115-1 | 13384880 | 13116397 | 13117255 | 13206177 | 1.17   | cps   |
| Indium     | 115-2 | 2733930  | 2731501  | 2727997  | 2731143  | 0.11   | cps   |
| Iron       | 56-2  | 99974    | 101104   | 100984   | 100687   | 0.62   | cps   |
| Iron       | 57-2  | 3139     | 3723     | 3228     | 3364     | 9.35   | cps   |
| Lead       | 206-1 | 13446    | 13385    | 13224    | 13352    | 0.86   | cps   |
| Lead       | 207-1 | 11266    | 11455    | 11255    | 11326    | 0.99   | cps   |
| Lead       | 208-1 | 52542    | 53549    | 52982    | 53024    | 0.95   | cps   |
| Lithium    | 6-1   | 1766504  | 1755335  | 1760604  | 1760814  | 0.32   | cps   |
| Magnesium  | 24-2  | 495739   | 490800   | 491930   | 492823   | 0.53   | cps   |
| Manganese  | 55-2  | 23796    | 23168    | 23319    | 23428    | 1.40   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-20              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-56-FL2-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:57:03   | DataFile Name :   | 176SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 633      | 667      | 575      | 625      | 7.42   | cps   |
| Molybdenum | 95-1  | 217      | 283      | 292      | 264      | 15.58  | cps   |
| Molybdenum | 96-1  | 425      | 408      | 383      | 406      | 5.17   | cps   |
| Molybdenum | 97-1  | 308      | 317      | 317      | 314      | 1.53   | cps   |
| Molybdenum | 98-1  | 575      | 400      | 617      | 531      | 21.67  | cps   |
| Neodymium  | 150-1 | 60       | 67       | 53       | 60       | 11.11  | cps   |
| Neodymium  | 150-2 | 27       | 43       | 30       | 33       | 26.46  | cps   |
| Nickel     | 60-2  | 1833     | 2117     | 2030     | 1994     | 7.28   | cps   |
| Phosphorus | 31-2  | 5176     | 4876     | 5059     | 5037     | 3.00   | cps   |
| Potassium  | 39-2  | 272332   | 270584   | 269262   | 270726   | 0.57   | cps   |
| Rhodium    | 103-1 | 12508606 | 12436387 | 12383304 | 12442766 | 0.51   | cps   |
| Rhodium    | 103-2 | 6200342  | 6103469  | 6153277  | 6152363  | 0.79   | cps   |
| Scandium   | 45-1  | 8273317  | 8113302  | 8144696  | 8177105  | 1.04   | cps   |
| Scandium   | 45-2  | 425326   | 421010   | 419836   | 422057   | 0.68   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 87       | 117      | 107      | 104      | 14.62  | cps   |
| Selenium   | 82-1  | 174      | 111      | 55       | 114      | 52.47  | cps   |
| Silicon    | 28-1  | 9698373  | 9643074  | 9629856  | 9657101  | 0.38   | cps   |
| Silver     | 109-1 | 450      | 433      | 358      | 414      | 11.80  | cps   |
| Silver     | 107-1 | 658      | 475      | 550      | 561      | 16.43  | cps   |
| Sodium     | 23-2  | 8076292  | 7991588  | 8026507  | 8031463  | 0.53   | cps   |
| Strontium  | 86-1  | 108382   | 106140   | 108121   | 107548   | 1.14   | cps   |
| Strontium  | 88-1  | 943242   | 935798   | 930239   | 936426   | 0.70   | cps   |
| Sulfur     | 34-1  | 511295   | 520179   | 516778   | 516084   | 0.87   | cps   |
| Terbium    | 159-1 | 17952639 | 17702095 | 17609665 | 17754799 | 1.00   | cps   |
| Terbium    | 159-2 | 9021493  | 9015553  | 8991209  | 9009418  | 0.18   | cps   |
| Thallium   | 203-1 | 325      | 317      | 367      | 336      | 7.97   | cps   |
| Thallium   | 205-1 | 817      | 725      | 983      | 842      | 15.56  | cps   |
| Tin        | 118-1 | 3034     | 3134     | 2925     | 3031     | 3.44   | cps   |
| Titanium   | 47-1  | 808      | 667      | 725      | 733      | 9.71   | cps   |
| Uranium    | 238-1 | 633      | 708      | 517      | 619      | 15.59  | cps   |
| Vanadium   | 51-2  | 310      | 287      | 303      | 300      | 4.01   | cps   |
| Yttrium    | 89-1  | 13468028 | 13371232 | 13333236 | 13390832 | 0.52   | cps   |
| Yttrium    | 89-2  | 2126256  | 2132333  | 2136495  | 2131695  | 0.24   | cps   |
| Zinc       | 66-2  | 57924    | 58233    | 58055    | 58071    | 0.27   | cps   |
| Zirconium  | 90-1  | 1208     | 1050     | 1375     | 1211     | 13.42  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89354               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-20              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-56-FL2-H-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 01:57:03   | DataFile Name :   | 176SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 200  | 367  | 269     | 32.19  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV80               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV80               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:00:28 | DataFile Name :   | 177SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 875      | 800      | 758      | 811      | 7.29   | cps   |
| Antimony   | 121-1 | 117      | 142      | 83       | 114      | 25.69  | cps   |
| Arsenic    | 75-2  | 7        | 11       | 6        | 8        | 35.21  | cps   |
| Barium     | 135-1 | 100      | 58       | 75       | 78       | 26.96  | cps   |
| Barium     | 137-1 | 42       | 58       | 125      | 75       | 58.79  | cps   |
| Beryllium  | 9-1   | 11       | 11       | 17       | 13       | 24.76  | cps   |
| Bismuth    | 209-1 | 10806820 | 10703660 | 10873963 | 10794815 | 0.79   | cps   |
| Bismuth    | 209-2 | 6400063  | 6385378  | 6391525  | 6392322  | 0.12   | cps   |
| Boron      | 10-1  | 283      | 375      | 200      | 286      | 30.59  | cps   |
| Boron      | 11-1  | 1433     | 1650     | 1350     | 1478     | 10.48  | cps   |
| Cadmium    | 111-1 | 2279     | 2108     | 2021     | 2136     | 6.13   | cps   |
| Cadmium    | 106-1 | 3226     | 3009     | 2892     | 3042     | 5.56   | cps   |
| Cadmium    | 108-1 | 0        | 21       | 17       | 13       | 88.19  | cps   |
| Calcium    | 43-1  | 1092     | 1075     | 1133     | 1100     | 2.73   | cps   |
| Calcium    | 44-1  | 29339    | 29497    | 29121    | 29319    | 0.64   | cps   |
| Chromium   | 52-2  | 1620     | 1703     | 1767     | 1697     | 4.34   | cps   |
| Cobalt     | 59-2  | 87       | 117      | 97       | 100      | 15.27  | cps   |
| Copper     | 63-2  | 1523     | 1470     | 1437     | 1477     | 2.96   | cps   |
| Dysprosium | 156-1 | 42       | 8        | 8        | 19       | 99.00  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 33       | 67       | 58       | 53       | 32.88  | cps   |
| Erbium     | 164-2 | 20       | 47       | 23       | 30       | 48.44  | cps   |
| Gadolinium | 160-1 | 75       | 100      | 50       | 75       | 33.34  | cps   |
| Gadolinium | 160-2 | 100      | 117      | 117      | 111      | 8.66   | cps   |
| Holmium    | 165-1 | 16203016 | 16291748 | 16245255 | 16246673 | 0.27   | cps   |
| Holmium    | 165-2 | 8614253  | 8586623  | 8438599  | 8546492  | 1.11   | cps   |
| Indium     | 115-1 | 12506787 | 12326179 | 12623436 | 12485467 | 1.20   | cps   |
| Indium     | 115-2 | 2620978  | 2623100  | 2612596  | 2618892  | 0.21   | cps   |
| Iron       | 56-2  | 7380     | 7230     | 7530     | 7380     | 2.03   | cps   |
| Iron       | 57-2  | 344      | 311      | 372      | 343      | 8.93   | cps   |
| Lead       | 206-1 | 7371402  | 7386074  | 7387629  | 7381702  | 0.12   | cps   |
| Lead       | 207-1 | 6328295  | 6377228  | 6362060  | 6355861  | 0.39   | cps   |
| Lead       | 208-1 | 29422079 | 29458276 | 29601679 | 29494011 | 0.32   | cps   |
| Lithium    | 6-1   | 1646357  | 1634258  | 1642292  | 1640969  | 0.38   | cps   |
| Magnesium  | 24-2  | 425      | 550      | 525      | 500      | 13.23  | cps   |
| Manganese  | 55-2  | 113      | 180      | 210      | 168      | 29.49  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV80               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV80               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:00:28 | DataFile Name :   | 177SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 408      | 317      | 317      | 347      | 15.24   | cps   |
| Molybdenum | 95-1  | 200      | 67       | 142      | 136      | 49.11   | cps   |
| Molybdenum | 96-1  | 217      | 175      | 208      | 200      | 11.02   | cps   |
| Molybdenum | 97-1  | 158      | 158      | 192      | 169      | 11.36   | cps   |
| Molybdenum | 98-1  | 192      | 117      | 225      | 178      | 31.21   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 13       | 7        | 99.98   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 77       | 110      | 97       | 94       | 17.76   | cps   |
| Phosphorus | 31-2  | 183      | 250      | 175      | 203      | 20.27   | cps   |
| Potassium  | 39-2  | 42035    | 42161    | 42361    | 42186    | 0.39    | cps   |
| Rhodium    | 103-1 | 11851796 | 12058413 | 11660115 | 11856774 | 1.68    | cps   |
| Rhodium    | 103-2 | 5730848  | 5748338  | 5775543  | 5751577  | 0.39    | cps   |
| Scandium   | 45-1  | 7866799  | 7747402  | 7776140  | 7796780  | 0.80    | cps   |
| Scandium   | 45-2  | 404414   | 404327   | 406464   | 405068   | 0.30    | cps   |
| Selenium   | 77-2  | 7        | 7        | 0        | 4        | 86.60   | cps   |
| Selenium   | 78-2  | 89       | 109      | 89       | 96       | 12.29   | cps   |
| Selenium   | 82-1  | -77      | -107     | 192      | 3        | 6274.80 | cps   |
| Silicon    | 28-1  | 555918   | 561462   | 561783   | 559721   | 0.59    | cps   |
| Silver     | 109-1 | 142      | 92       | 67       | 100      | 38.19   | cps   |
| Silver     | 107-1 | 117      | 175      | 167      | 153      | 20.65   | cps   |
| Sodium     | 23-2  | 38876    | 39929    | 39804    | 39536    | 1.45    | cps   |
| Strontium  | 86-1  | 1442     | 1317     | 1450     | 1403     | 5.32    | cps   |
| Strontium  | 88-1  | 1250     | 1100     | 1142     | 1164     | 6.65    | cps   |
| Sulfur     | 34-1  | 429497   | 427530   | 431979   | 429669   | 0.52    | cps   |
| Terbium    | 159-1 | 16729014 | 16935106 | 16830779 | 16831633 | 0.61    | cps   |
| Terbium    | 159-2 | 8539201  | 8578978  | 8630670  | 8582950  | 0.53    | cps   |
| Thallium   | 203-1 | 267      | 258      | 292      | 272      | 6.37    | cps   |
| Thallium   | 205-1 | 792      | 875      | 858      | 842      | 5.24    | cps   |
| Tin        | 118-1 | 1050     | 1133     | 1150     | 1111     | 4.82    | cps   |
| Titanium   | 47-1  | 183      | 292      | 308      | 261      | 25.99   | cps   |
| Uranium    | 238-1 | 475      | 358      | 367      | 400      | 16.27   | cps   |
| Vanadium   | 51-2  | 40       | 57       | 40       | 46       | 21.13   | cps   |
| Yttrium    | 89-1  | 12842928 | 12618159 | 12647936 | 12703008 | 0.96    | cps   |
| Yttrium    | 89-2  | 2034425  | 2036273  | 2033342  | 2034680  | 0.07    | cps   |
| Zinc       | 66-2  | 480      | 407      | 503      | 463      | 10.89   | cps   |
| Zirconium  | 90-1  | 758      | 608      | 775      | 714      | 12.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV80               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV80               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:00:28 | DataFile Name :   | 177SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 133  | 158  | 147     | 8.65   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB80               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB80               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:03:54 | DataFile Name :   | 178SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 317      | 383      | 425      | 375      | 14.57  | cps   |
| Antimony   | 121-1 | 75       | 25       | 58       | 53       | 48.24  | cps   |
| Arsenic    | 75-2  | 4        | 9        | 6        | 6        | 45.85  | cps   |
| Barium     | 135-1 | 67       | 83       | 67       | 72       | 13.33  | cps   |
| Barium     | 137-1 | 117      | 100      | 92       | 103      | 12.38  | cps   |
| Beryllium  | 9-1   | 33       | 17       | 17       | 22       | 43.28  | cps   |
| Bismuth    | 209-1 | 10636509 | 10884979 | 10757172 | 10759553 | 1.15   | cps   |
| Bismuth    | 209-2 | 6391899  | 6424186  | 6401370  | 6405818  | 0.26   | cps   |
| Boron      | 10-1  | 275      | 117      | 250      | 214      | 39.80  | cps   |
| Boron      | 11-1  | 1233     | 1358     | 1375     | 1322     | 5.86   | cps   |
| Cadmium    | 111-1 | 2091     | 2045     | 1986     | 2041     | 2.58   | cps   |
| Cadmium    | 106-1 | 2984     | 2934     | 2850     | 2923     | 2.30   | cps   |
| Cadmium    | 108-1 | 8        | 13       | 25       | 15       | 56.79  | cps   |
| Calcium    | 43-1  | 333      | 567      | 383      | 428      | 28.72  | cps   |
| Calcium    | 44-1  | 17628    | 18579    | 17770    | 17992    | 2.85   | cps   |
| Chromium   | 52-2  | 1803     | 1753     | 1817     | 1791     | 1.86   | cps   |
| Cobalt     | 59-2  | 100      | 97       | 57       | 84       | 28.55  | cps   |
| Copper     | 63-2  | 1370     | 1290     | 1377     | 1346     | 3.58   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 0        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 17       | 8        | 99.04  | cps   |
| Erbium     | 164-1 | 50       | 50       | 42       | 47       | 10.18  | cps   |
| Erbium     | 164-2 | 57       | 23       | 33       | 38       | 45.29  | cps   |
| Gadolinium | 160-1 | 83       | 75       | 83       | 81       | 5.98   | cps   |
| Gadolinium | 160-2 | 93       | 103      | 147      | 114      | 24.77  | cps   |
| Holmium    | 165-1 | 16328475 | 16146017 | 16175290 | 16216594 | 0.60   | cps   |
| Holmium    | 165-2 | 8606146  | 8588429  | 8574039  | 8589538  | 0.19   | cps   |
| Indium     | 115-1 | 12310522 | 12544426 | 12489152 | 12448033 | 0.98   | cps   |
| Indium     | 115-2 | 2602539  | 2615731  | 2634172  | 2617481  | 0.61   | cps   |
| Iron       | 56-2  | 5701     | 5868     | 6001     | 5857     | 2.57   | cps   |
| Iron       | 57-2  | 222      | 261      | 317      | 267      | 17.80  | cps   |
| Lead       | 206-1 | 1250     | 1495     | 1289     | 1345     | 9.78   | cps   |
| Lead       | 207-1 | 1061     | 1345     | 967      | 1124     | 17.50  | cps   |
| Lead       | 208-1 | 5001     | 6297     | 4817     | 5372     | 15.02  | cps   |
| Lithium    | 6-1   | 1658742  | 1653090  | 1664883  | 1658905  | 0.36   | cps   |
| Magnesium  | 24-2  | 450      | 500      | 467      | 472      | 5.39   | cps   |
| Manganese  | 55-2  | 310      | 257      | 360      | 309      | 16.73  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB80               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB80               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:03:54 | DataFile Name :   | 178SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 267      | 200      | 158      | 208      | 26.23  | cps   |
| Molybdenum | 95-1  | 25       | 17       | 25       | 22       | 21.64  | cps   |
| Molybdenum | 96-1  | 50       | 108      | 33       | 64       | 61.65  | cps   |
| Molybdenum | 97-1  | 83       | 33       | 83       | 67       | 43.31  | cps   |
| Molybdenum | 98-1  | 58       | 25       | 33       | 39       | 44.62  | cps   |
| Neodymium  | 150-1 | 0        | 13       | 7        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 67       | 53       | 60       | 60       | 11.12  | cps   |
| Phosphorus | 31-2  | 300      | 100      | 233      | 211      | 48.24  | cps   |
| Potassium  | 39-2  | 42445    | 41292    | 41919    | 41885    | 1.38   | cps   |
| Rhodium    | 103-1 | 11736871 | 11627198 | 11763938 | 11709336 | 0.62   | cps   |
| Rhodium    | 103-2 | 5784516  | 5822179  | 5783562  | 5796753  | 0.38   | cps   |
| Scandium   | 45-1  | 7813677  | 7664060  | 7736887  | 7738208  | 0.97   | cps   |
| Scandium   | 45-2  | 404686   | 408073   | 408153   | 406970   | 0.49   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 106      | 102      | 91       | 99       | 7.76   | cps   |
| Selenium   | 82-1  | 0        | 86       | 46       | 44       | 98.20  | cps   |
| Silicon    | 28-1  | 544221   | 549448   | 547354   | 547008   | 0.48   | cps   |
| Silver     | 109-1 | 100      | 75       | 125      | 100      | 25.00  | cps   |
| Silver     | 107-1 | 50       | 117      | 125      | 97       | 42.28  | cps   |
| Sodium     | 23-2  | 39077    | 38600    | 39018    | 38899    | 0.67   | cps   |
| Strontium  | 86-1  | 1667     | 1633     | 1717     | 1672     | 2.51   | cps   |
| Strontium  | 88-1  | 1550     | 1492     | 1609     | 1550     | 3.76   | cps   |
| Sulfur     | 34-1  | 433408   | 431949   | 439111   | 434823   | 0.87   | cps   |
| Terbium    | 159-1 | 16522072 | 16686429 | 16649543 | 16619348 | 0.52   | cps   |
| Terbium    | 159-2 | 8563462  | 8611004  | 8689296  | 8621254  | 0.74   | cps   |
| Thallium   | 203-1 | 242      | 317      | 200      | 253      | 23.39  | cps   |
| Thallium   | 205-1 | 467      | 500      | 467      | 478      | 4.03   | cps   |
| Tin        | 118-1 | 1492     | 1500     | 1500     | 1497     | 0.32   | cps   |
| Titanium   | 47-1  | 200      | 150      | 208      | 186      | 16.95  | cps   |
| Uranium    | 238-1 | 75       | 67       | 108      | 83       | 26.46  | cps   |
| Vanadium   | 51-2  | 30       | 47       | 27       | 34       | 31.11  | cps   |
| Yttrium    | 89-1  | 12587922 | 12571648 | 12811515 | 12657028 | 1.06   | cps   |
| Yttrium    | 89-2  | 2034193  | 2046825  | 2040915  | 2040644  | 0.31   | cps   |
| Zinc       | 66-2  | 103      | 140      | 140      | 128      | 16.56  | cps   |
| Zirconium  | 90-1  | 617      | 600      | 692      | 636      | 7.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB80               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB80               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:03:54 | DataFile Name :   | 178SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 108  | 83   | 103     | 16.88  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-21 Instrumnet Name : P7  
 Client Sample ID : DC25820-57-FL2-CL6-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:07:22 DataFile Name : 179SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1325     | 1217     | 1350     | 1297     | 5.47   | cps   |
| Antimony   | 121-1 | 8461     | 8536     | 9128     | 8709     | 4.20   | cps   |
| Arsenic    | 75-2  | 167      | 150      | 102      | 140      | 24.13  | cps   |
| Barium     | 135-1 | 65764    | 65990    | 66007    | 65921    | 0.21   | cps   |
| Barium     | 137-1 | 115494   | 113092   | 112159   | 113582   | 1.51   | cps   |
| Beryllium  | 9-1   | 22       | 11       | 22       | 19       | 34.64  | cps   |
| Bismuth    | 209-1 | 11061411 | 10930007 | 11087349 | 11026256 | 0.77   | cps   |
| Bismuth    | 209-2 | 6786344  | 6537818  | 6624473  | 6649545  | 1.90   | cps   |
| Boron      | 10-1  | 1658     | 1942     | 1959     | 1853     | 9.10   | cps   |
| Boron      | 11-1  | 9136     | 9036     | 9470     | 9214     | 2.46   | cps   |
| Cadmium    | 111-1 | 2561     | 2774     | 2753     | 2696     | 4.36   | cps   |
| Cadmium    | 106-1 | 3042     | 3367     | 3351     | 3253     | 5.63   | cps   |
| Cadmium    | 108-1 | 63       | 71       | 67       | 67       | 6.25   | cps   |
| Calcium    | 43-1  | 261943   | 257757   | 259964   | 259888   | 0.81   | cps   |
| Calcium    | 44-1  | 4340876  | 4323233  | 4333157  | 4332422  | 0.20   | cps   |
| Chromium   | 52-2  | 2420     | 2144     | 2337     | 2300     | 6.17   | cps   |
| Cobalt     | 59-2  | 1610     | 1523     | 1597     | 1577     | 2.96   | cps   |
| Copper     | 63-2  | 947724   | 952918   | 953902   | 951514   | 0.35   | cps   |
| Dysprosium | 156-1 | 42       | 8        | 75       | 42       | 80.00  | cps   |
| Dysprosium | 156-2 | 20       | 33       | 27       | 27       | 24.99  | cps   |
| Erbium     | 164-1 | 58       | 83       | 100      | 81       | 26.03  | cps   |
| Erbium     | 164-2 | 47       | 40       | 37       | 41       | 12.39  | cps   |
| Gadolinium | 160-1 | 175      | 100      | 125      | 133      | 28.64  | cps   |
| Gadolinium | 160-2 | 150      | 150      | 137      | 146      | 5.29   | cps   |
| Holmium    | 165-1 | 16792139 | 16931529 | 16776503 | 16833390 | 0.51   | cps   |
| Holmium    | 165-2 | 8804382  | 8928844  | 8799054  | 8844093  | 0.83   | cps   |
| Indium     | 115-1 | 12767728 | 12973972 | 12800346 | 12847349 | 0.86   | cps   |
| Indium     | 115-2 | 2683534  | 2691933  | 2679040  | 2684836  | 0.24   | cps   |
| Iron       | 56-2  | 133519   | 131344   | 131465   | 132110   | 0.93   | cps   |
| Iron       | 57-2  | 3962     | 4240     | 4078     | 4093     | 3.41   | cps   |
| Lead       | 206-1 | 53145    | 52710    | 53017    | 52957    | 0.42   | cps   |
| Lead       | 207-1 | 44263    | 43873    | 43516    | 43884    | 0.85   | cps   |
| Lead       | 208-1 | 203518   | 202189   | 202469   | 202726   | 0.35   | cps   |
| Lithium    | 6-1   | 1733819  | 1728897  | 1738639  | 1733785  | 0.28   | cps   |
| Magnesium  | 24-2  | 551809   | 542397   | 554969   | 549725   | 1.19   | cps   |
| Manganese  | 55-2  | 76783    | 75838    | 75757    | 76126    | 0.75   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-57-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:07:22  | DataFile Name :   | 179SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 667      | 717      | 667      | 683      | 4.22   | cps   |
| Molybdenum | 95-1  | 392      | 333      | 417      | 381      | 11.24  | cps   |
| Molybdenum | 96-1  | 508      | 583      | 508      | 533      | 8.12   | cps   |
| Molybdenum | 97-1  | 317      | 275      | 308      | 300      | 7.35   | cps   |
| Molybdenum | 98-1  | 492      | 583      | 550      | 542      | 8.57   | cps   |
| Neodymium  | 150-1 | 40       | 73       | 60       | 58       | 29.04  | cps   |
| Neodymium  | 150-2 | 40       | 20       | 17       | 26       | 49.38  | cps   |
| Nickel     | 60-2  | 274658   | 274070   | 277901   | 275543   | 0.75   | cps   |
| Phosphorus | 31-2  | 2634     | 2367     | 2725     | 2575     | 7.23   | cps   |
| Potassium  | 39-2  | 267761   | 265671   | 266213   | 266549   | 0.41   | cps   |
| Rhodium    | 103-1 | 12024130 | 12133278 | 12020770 | 12059393 | 0.53   | cps   |
| Rhodium    | 103-2 | 5874988  | 5874446  | 5899080  | 5882838  | 0.24   | cps   |
| Scandium   | 45-1  | 8080333  | 8096644  | 7963943  | 8046973  | 0.90   | cps   |
| Scandium   | 45-2  | 414125   | 419199   | 409797   | 414374   | 1.14   | cps   |
| Selenium   | 77-2  | 7        | 10       | 7        | 8        | 24.71  | cps   |
| Selenium   | 78-2  | 98       | 106      | 115      | 106      | 7.87   | cps   |
| Selenium   | 82-1  | 70       | 10       | 218      | 99       | 107.40 | cps   |
| Silicon    | 28-1  | 8998686  | 9039474  | 9101134  | 9046431  | 0.57   | cps   |
| Silver     | 109-1 | 325      | 400      | 492      | 406      | 20.58  | cps   |
| Silver     | 107-1 | 700      | 483      | 467      | 550      | 23.67  | cps   |
| Sodium     | 23-2  | 8633760  | 8614854  | 8584094  | 8610903  | 0.29   | cps   |
| Strontium  | 86-1  | 95778    | 94812    | 93412    | 94667    | 1.26   | cps   |
| Strontium  | 88-1  | 829581   | 829797   | 827988   | 829122   | 0.12   | cps   |
| Sulfur     | 34-1  | 535226   | 534193   | 532418   | 533946   | 0.27   | cps   |
| Terbium    | 159-1 | 17213698 | 17297136 | 17119656 | 17210163 | 0.52   | cps   |
| Terbium    | 159-2 | 8864739  | 8751357  | 8808024  | 8808040  | 0.64   | cps   |
| Thallium   | 203-1 | 350      | 508      | 500      | 453      | 19.68  | cps   |
| Thallium   | 205-1 | 1150     | 1175     | 1025     | 1117     | 7.20   | cps   |
| Tin        | 118-1 | 1558     | 1442     | 1317     | 1439     | 8.40   | cps   |
| Titanium   | 47-1  | 717      | 625      | 533      | 625      | 14.67  | cps   |
| Uranium    | 238-1 | 1000     | 975      | 800      | 925      | 11.78  | cps   |
| Vanadium   | 51-2  | 270      | 293      | 263      | 276      | 5.72   | cps   |
| Yttrium    | 89-1  | 13083531 | 13027093 | 12994387 | 13035004 | 0.35   | cps   |
| Yttrium    | 89-2  | 2090049  | 2088830  | 2109865  | 2096248  | 0.56   | cps   |
| Zinc       | 66-2  | 544216   | 544813   | 539892   | 542973   | 0.49   | cps   |
| Zirconium  | 90-1  | 1258     | 1400     | 3046     | 1902     | 52.27  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-21             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-57-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:07:22  | DataFile Name :   | 179SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 300  | 317  | 286     | 13.76  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-58-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:10:48  | DataFile Name :   | 180SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1325     | 1175     | 1208     | 1236     | 6.37   | cps   |
| Antimony   | 121-1 | 9495     | 8770     | 8528     | 8931     | 5.64   | cps   |
| Arsenic    | 75-2  | 157      | 157      | 157      | 157      | 0.00   | cps   |
| Barium     | 135-1 | 70144    | 69415    | 68896    | 69485    | 0.90   | cps   |
| Barium     | 137-1 | 122544   | 121661   | 121662   | 121956   | 0.42   | cps   |
| Beryllium  | 9-1   | 44       | 39       | 11       | 31       | 56.73  | cps   |
| Bismuth    | 209-1 | 11412751 | 11521218 | 11565281 | 11499750 | 0.68   | cps   |
| Bismuth    | 209-2 | 7238032  | 7097681  | 7035479  | 7123731  | 1.46   | cps   |
| Boron      | 10-1  | 1850     | 1984     | 1850     | 1895     | 4.06   | cps   |
| Boron      | 11-1  | 9387     | 10145    | 9353     | 9628     | 4.65   | cps   |
| Cadmium    | 111-1 | 2672     | 2875     | 2853     | 2800     | 3.98   | cps   |
| Cadmium    | 106-1 | 3301     | 3584     | 3534     | 3473     | 4.36   | cps   |
| Cadmium    | 108-1 | 108      | 42       | 125      | 92       | 48.10  | cps   |
| Calcium    | 43-1  | 276832   | 277213   | 276561   | 276869   | 0.12   | cps   |
| Calcium    | 44-1  | 4614365  | 4544124  | 4534998  | 4564496  | 0.95   | cps   |
| Chromium   | 52-2  | 1850     | 1964     | 1940     | 1918     | 3.12   | cps   |
| Cobalt     | 59-2  | 1573     | 1537     | 1550     | 1553     | 1.19   | cps   |
| Copper     | 63-2  | 996119   | 1002101  | 994807   | 997676   | 0.39   | cps   |
| Dysprosium | 156-1 | 75       | 33       | 75       | 61       | 39.37  | cps   |
| Dysprosium | 156-2 | 20       | 20       | 13       | 18       | 21.66  | cps   |
| Erbium     | 164-1 | 125      | 192      | 75       | 131      | 44.83  | cps   |
| Erbium     | 164-2 | 53       | 67       | 53       | 58       | 13.33  | cps   |
| Gadolinium | 160-1 | 117      | 150      | 142      | 136      | 12.75  | cps   |
| Gadolinium | 160-2 | 157      | 127      | 183      | 156      | 18.23  | cps   |
| Holmium    | 165-1 | 17446164 | 17884022 | 17454561 | 17594916 | 1.42   | cps   |
| Holmium    | 165-2 | 9110444  | 9047075  | 9033978  | 9063833  | 0.45   | cps   |
| Indium     | 115-1 | 13535449 | 13492983 | 13388999 | 13472477 | 0.56   | cps   |
| Indium     | 115-2 | 2787313  | 2789236  | 2739257  | 2771935  | 1.02   | cps   |
| Iron       | 56-2  | 136005   | 134898   | 133912   | 134938   | 0.78   | cps   |
| Iron       | 57-2  | 4240     | 4090     | 3951     | 4093     | 3.53   | cps   |
| Lead       | 206-1 | 55198    | 54417    | 55137    | 54917    | 0.79   | cps   |
| Lead       | 207-1 | 47201    | 44364    | 45445    | 45670    | 3.14   | cps   |
| Lead       | 208-1 | 216480   | 213024   | 213386   | 214297   | 0.89   | cps   |
| Lithium    | 6-1   | 1837233  | 1832579  | 1804008  | 1824606  | 0.99   | cps   |
| Magnesium  | 24-2  | 573137   | 571886   | 570038   | 571687   | 0.27   | cps   |
| Manganese  | 55-2  | 78850    | 79745    | 78709    | 79101    | 0.71   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-58-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:10:48  | DataFile Name :   | 180SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 650      | 508      | 533      | 564      | 13.41  | cps   |
| Molybdenum | 95-1  | 342      | 217      | 383      | 314      | 27.63  | cps   |
| Molybdenum | 96-1  | 325      | 308      | 350      | 328      | 6.40   | cps   |
| Molybdenum | 97-1  | 275      | 283      | 308      | 289      | 6.01   | cps   |
| Molybdenum | 98-1  | 492      | 500      | 517      | 503      | 2.53   | cps   |
| Neodymium  | 150-1 | 73       | 60       | 40       | 58       | 29.04  | cps   |
| Neodymium  | 150-2 | 27       | 27       | 27       | 27       | 0.00   | cps   |
| Nickel     | 60-2  | 289021   | 287168   | 288402   | 288197   | 0.33   | cps   |
| Phosphorus | 31-2  | 2625     | 2534     | 2484     | 2548     | 2.82   | cps   |
| Potassium  | 39-2  | 277586   | 276399   | 275421   | 276469   | 0.39   | cps   |
| Rhodium    | 103-1 | 12583871 | 12611914 | 12486886 | 12560891 | 0.52   | cps   |
| Rhodium    | 103-2 | 6307032  | 6236673  | 6169892  | 6237866  | 1.10   | cps   |
| Scandium   | 45-1  | 8392190  | 8366532  | 8324082  | 8360935  | 0.41   | cps   |
| Scandium   | 45-2  | 435909   | 428544   | 426498   | 430317   | 1.15   | cps   |
| Selenium   | 77-2  | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 107      | 72       | 102      | 94       | 20.16  | cps   |
| Selenium   | 82-1  | 136      | 104      | 40       | 93       | 52.18  | cps   |
| Silicon    | 28-1  | 9586671  | 9574662  | 9454335  | 9538556  | 0.77   | cps   |
| Silver     | 109-1 | 550      | 525      | 650      | 575      | 11.50  | cps   |
| Silver     | 107-1 | 517      | 617      | 475      | 536      | 13.58  | cps   |
| Sodium     | 23-2  | 9006910  | 8991442  | 8987599  | 8995317  | 0.11   | cps   |
| Strontium  | 86-1  | 101667   | 101264   | 99804    | 100912   | 0.97   | cps   |
| Strontium  | 88-1  | 885483   | 875935   | 867325   | 876248   | 1.04   | cps   |
| Sulfur     | 34-1  | 539342   | 540606   | 536886   | 538945   | 0.35   | cps   |
| Terbium    | 159-1 | 18009487 | 17924403 | 17933207 | 17955699 | 0.26   | cps   |
| Terbium    | 159-2 | 9208208  | 9179199  | 8983532  | 9123646  | 1.34   | cps   |
| Thallium   | 203-1 | 392      | 458      | 383      | 411      | 10.00  | cps   |
| Thallium   | 205-1 | 1058     | 1167     | 1000     | 1075     | 7.87   | cps   |
| Tin        | 118-1 | 1200     | 1108     | 1000     | 1103     | 9.08   | cps   |
| Titanium   | 47-1  | 642      | 550      | 467      | 553      | 15.84  | cps   |
| Uranium    | 238-1 | 908      | 975      | 792      | 892      | 10.41  | cps   |
| Vanadium   | 51-2  | 233      | 300      | 283      | 272      | 12.75  | cps   |
| Yttrium    | 89-1  | 13633274 | 13656074 | 13677199 | 13655515 | 0.16   | cps   |
| Yttrium    | 89-2  | 2185857  | 2160932  | 2133141  | 2159977  | 1.22   | cps   |
| Zinc       | 66-2  | 579388   | 580421   | 578048   | 579285   | 0.21   | cps   |
| Zirconium  | 90-1  | 1175     | 1158     | 1092     | 1142     | 3.86   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-22             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-58-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:10:48  | DataFile Name :   | 180SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 208  | 192  | 206     | 6.19   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-23 Instrumnet Name : P7  
 Client Sample ID : DC25820-59-FL2-BRCL6 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:14:13 DataFile Name : 181SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 5535     | 5276     | 5643     | 5485     | 3.44   | cps   |
| Antimony   | 121-1 | 5460     | 5168     | 5351     | 5326     | 2.77   | cps   |
| Arsenic    | 75-2  | 163      | 130      | 174      | 156      | 14.87  | cps   |
| Barium     | 135-1 | 92667    | 91718    | 92054    | 92146    | 0.52   | cps   |
| Barium     | 137-1 | 163796   | 162642   | 162811   | 163083   | 0.38   | cps   |
| Beryllium  | 9-1   | 61       | 50       | 61       | 57       | 11.17  | cps   |
| Bismuth    | 209-1 | 11213739 | 11686527 | 11504165 | 11468144 | 2.08   | cps   |
| Bismuth    | 209-2 | 6960677  | 7137269  | 7072089  | 7056678  | 1.27   | cps   |
| Boron      | 10-1  | 2650     | 2459     | 2592     | 2567     | 3.83   | cps   |
| Boron      | 11-1  | 12539    | 13240    | 13014    | 12931    | 2.77   | cps   |
| Cadmium    | 111-1 | 2821     | 2953     | 2814     | 2863     | 2.74   | cps   |
| Cadmium    | 106-1 | 3426     | 3492     | 3459     | 3459     | 0.96   | cps   |
| Cadmium    | 108-1 | 133      | 113      | 100      | 115      | 14.61  | cps   |
| Calcium    | 43-1  | 272502   | 276265   | 271791   | 273519   | 0.88   | cps   |
| Calcium    | 44-1  | 4515127  | 4526205  | 4509658  | 4516996  | 0.19   | cps   |
| Chromium   | 52-2  | 4981     | 4441     | 4824     | 4749     | 5.85   | cps   |
| Cobalt     | 59-2  | 1453     | 1393     | 1430     | 1426     | 2.12   | cps   |
| Copper     | 63-2  | 2247381  | 2287007  | 2258980  | 2264456  | 0.90   | cps   |
| Dysprosium | 156-1 | 242      | 325      | 217      | 261      | 21.72  | cps   |
| Dysprosium | 156-2 | 133      | 137      | 153      | 141      | 7.59   | cps   |
| Erbium     | 164-1 | 258      | 408      | 258      | 308      | 28.09  | cps   |
| Erbium     | 164-2 | 113      | 140      | 113      | 122      | 12.59  | cps   |
| Gadolinium | 160-1 | 317      | 325      | 408      | 350      | 14.48  | cps   |
| Gadolinium | 160-2 | 297      | 310      | 283      | 297      | 4.49   | cps   |
| Holmium    | 165-1 | 17311029 | 17415128 | 17482881 | 17403013 | 0.50   | cps   |
| Holmium    | 165-2 | 9051618  | 9067392  | 9063429  | 9060813  | 0.09   | cps   |
| Indium     | 115-1 | 13166764 | 13500164 | 13170745 | 13279224 | 1.44   | cps   |
| Indium     | 115-2 | 2753250  | 2784215  | 2743585  | 2760350  | 0.77   | cps   |
| Iron       | 56-2  | 814164   | 804182   | 802471   | 806939   | 0.78   | cps   |
| Iron       | 57-2  | 19881    | 19936    | 20782    | 20200    | 2.50   | cps   |
| Lead       | 206-1 | 814828   | 814430   | 811906   | 813722   | 0.19   | cps   |
| Lead       | 207-1 | 665287   | 665887   | 664274   | 665149   | 0.12   | cps   |
| Lead       | 208-1 | 3148241  | 3137521  | 3131810  | 3139191  | 0.27   | cps   |
| Lithium    | 6-1   | 1788332  | 1807252  | 1797605  | 1797730  | 0.53   | cps   |
| Magnesium  | 24-2  | 522983   | 531127   | 523052   | 525721   | 0.89   | cps   |
| Manganese  | 55-2  | 141692   | 142781   | 140040   | 141504   | 0.98   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-59-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:14:13  | DataFile Name :   | 181SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 800      | 900      | 867      | 856      | 5.95   | cps   |
| Molybdenum | 95-1  | 375      | 375      | 275      | 342      | 16.90  | cps   |
| Molybdenum | 96-1  | 442      | 617      | 575      | 544      | 16.79  | cps   |
| Molybdenum | 97-1  | 233      | 242      | 242      | 239      | 2.02   | cps   |
| Molybdenum | 98-1  | 475      | 383      | 675      | 511      | 29.18  | cps   |
| Neodymium  | 150-1 | 233      | 313      | 187      | 244      | 26.21  | cps   |
| Neodymium  | 150-2 | 113      | 87       | 83       | 94       | 17.41  | cps   |
| Nickel     | 60-2  | 334739   | 338954   | 338335   | 337343   | 0.67   | cps   |
| Phosphorus | 31-2  | 4659     | 4409     | 4526     | 4531     | 2.76   | cps   |
| Potassium  | 39-2  | 302190   | 304439   | 303180   | 303270   | 0.37   | cps   |
| Rhodium    | 103-1 | 12438067 | 12547835 | 12583441 | 12523115 | 0.61   | cps   |
| Rhodium    | 103-2 | 6171143  | 6210937  | 6247024  | 6209701  | 0.61   | cps   |
| Scandium   | 45-1  | 8192781  | 8314467  | 8212086  | 8239778  | 0.79   | cps   |
| Scandium   | 45-2  | 426459   | 434295   | 429378   | 430044   | 0.92   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 131      | 135      | 98       | 122      | 16.77  | cps   |
| Selenium   | 82-1  | -7       | 110      | 9        | 37       | 169.98 | cps   |
| Silicon    | 28-1  | 8782457  | 8831286  | 8793547  | 8802430  | 0.29   | cps   |
| Silver     | 109-1 | 550      | 608      | 625      | 594      | 6.63   | cps   |
| Silver     | 107-1 | 633      | 717      | 908      | 753      | 18.73  | cps   |
| Sodium     | 23-2  | 9105574  | 9186546  | 9050444  | 9114188  | 0.75   | cps   |
| Strontium  | 86-1  | 104789   | 106946   | 104361   | 105365   | 1.31   | cps   |
| Strontium  | 88-1  | 907561   | 907893   | 910498   | 908651   | 0.18   | cps   |
| Sulfur     | 34-1  | 525083   | 527107   | 525746   | 525979   | 0.20   | cps   |
| Terbium    | 159-1 | 17844832 | 17947712 | 17954539 | 17915694 | 0.34   | cps   |
| Terbium    | 159-2 | 9067294  | 9130020  | 8998805  | 9065373  | 0.72   | cps   |
| Thallium   | 203-1 | 892      | 792      | 733      | 806      | 9.94   | cps   |
| Thallium   | 205-1 | 1959     | 2167     | 1842     | 1989     | 8.28   | cps   |
| Tin        | 118-1 | 5526     | 5360     | 5643     | 5510     | 2.59   | cps   |
| Titanium   | 47-1  | 1642     | 1675     | 1917     | 1745     | 8.60   | cps   |
| Uranium    | 238-1 | 4218     | 4368     | 4626     | 4404     | 4.69   | cps   |
| Vanadium   | 51-2  | 437      | 503      | 433      | 458      | 8.63   | cps   |
| Yttrium    | 89-1  | 13355801 | 13651409 | 13516578 | 13507929 | 1.10   | cps   |
| Yttrium    | 89-2  | 2147646  | 2165842  | 2149424  | 2154304  | 0.47   | cps   |
| Zinc       | 66-2  | 1203897  | 1208925  | 1201382  | 1204735  | 0.32   | cps   |
| Zirconium  | 90-1  | 1909     | 1809     | 2050     | 1922     | 6.32   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-23             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-59-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:14:13  | DataFile Name :   | 181SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 433  | 508  | 392  | 444     | 13.30  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-24 Instrumnet Name : P7  
 Client Sample ID : DC25820-60-FL2-BRCL6 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:17:38 DataFile Name : 182SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1942     | 2251     | 1959     | 2050     | 8.48   | cps   |
| Antimony   | 121-1 | 908      | 1142     | 1075     | 1042     | 11.54  | cps   |
| Arsenic    | 75-2  | 228      | 157      | 165      | 183      | 21.09  | cps   |
| Barium     | 135-1 | 70412    | 70101    | 70637    | 70384    | 0.38   | cps   |
| Barium     | 137-1 | 120065   | 119520   | 120671   | 120085   | 0.48   | cps   |
| Beryllium  | 9-1   | 28       | 11       | 44       | 28       | 60.01  | cps   |
| Bismuth    | 209-1 | 11296412 | 11266127 | 11411703 | 11324747 | 0.68   | cps   |
| Bismuth    | 209-2 | 7030733  | 6947921  | 7049517  | 7009390  | 0.77   | cps   |
| Boron      | 10-1  | 1500     | 1658     | 1792     | 1650     | 8.85   | cps   |
| Boron      | 11-1  | 8478     | 9128     | 8645     | 8750     | 3.86   | cps   |
| Cadmium    | 111-1 | 2366     | 2369     | 2585     | 2440     | 5.15   | cps   |
| Cadmium    | 106-1 | 3351     | 3359     | 3634     | 3448     | 4.68   | cps   |
| Cadmium    | 108-1 | 13       | 17       | 13       | 14       | 17.33  | cps   |
| Calcium    | 43-1  | 279418   | 278773   | 280031   | 279407   | 0.23   | cps   |
| Calcium    | 44-1  | 4683799  | 4621557  | 4621312  | 4642222  | 0.78   | cps   |
| Chromium   | 52-2  | 1730     | 1717     | 1610     | 1686     | 3.90   | cps   |
| Cobalt     | 59-2  | 420      | 473      | 523      | 472      | 10.94  | cps   |
| Copper     | 63-2  | 498501   | 494950   | 498390   | 497280   | 0.41   | cps   |
| Dysprosium | 156-1 | 92       | 133      | 83       | 103      | 26.06  | cps   |
| Dysprosium | 156-2 | 33       | 47       | 53       | 44       | 22.92  | cps   |
| Erbium     | 164-1 | 167      | 142      | 142      | 150      | 9.62   | cps   |
| Erbium     | 164-2 | 87       | 90       | 90       | 89       | 2.16   | cps   |
| Gadolinium | 160-1 | 167      | 183      | 150      | 167      | 10.00  | cps   |
| Gadolinium | 160-2 | 197      | 197      | 217      | 203      | 5.68   | cps   |
| Holmium    | 165-1 | 17403510 | 17318628 | 17357342 | 17359827 | 0.24   | cps   |
| Holmium    | 165-2 | 9093874  | 9048673  | 8975142  | 9039229  | 0.66   | cps   |
| Indium     | 115-1 | 13289449 | 13224934 | 13318230 | 13277538 | 0.36   | cps   |
| Indium     | 115-2 | 2734390  | 2754745  | 2741013  | 2743383  | 0.38   | cps   |
| Iron       | 56-2  | 200408   | 201205   | 199790   | 200468   | 0.35   | cps   |
| Iron       | 57-2  | 5379     | 5485     | 5768     | 5544     | 3.63   | cps   |
| Lead       | 206-1 | 15320    | 14814    | 15037    | 15057    | 1.69   | cps   |
| Lead       | 207-1 | 12300    | 12540    | 12912    | 12584    | 2.45   | cps   |
| Lead       | 208-1 | 58323    | 58185    | 58351    | 58286    | 0.15   | cps   |
| Lithium    | 6-1   | 1804420  | 1810018  | 1821005  | 1811814  | 0.47   | cps   |
| Magnesium  | 24-2  | 540146   | 535658   | 538316   | 538040   | 0.42   | cps   |
| Manganese  | 55-2  | 56822    | 54715    | 55518    | 55685    | 1.91   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-60-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:17:38  | DataFile Name :   | 182SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 717      | 558      | 417      | 564      | 26.61  | cps   |
| Molybdenum | 95-1  | 267      | 208      | 217      | 231      | 13.68  | cps   |
| Molybdenum | 96-1  | 383      | 467      | 450      | 433      | 10.18  | cps   |
| Molybdenum | 97-1  | 225      | 358      | 342      | 308      | 23.56  | cps   |
| Molybdenum | 98-1  | 417      | 442      | 608      | 489      | 21.31  | cps   |
| Neodymium  | 150-1 | 67       | 113      | 73       | 84       | 29.89  | cps   |
| Neodymium  | 150-2 | 27       | 30       | 27       | 28       | 6.92   | cps   |
| Nickel     | 60-2  | 15795    | 16850    | 16363    | 16336    | 3.23   | cps   |
| Phosphorus | 31-2  | 6702     | 6443     | 6852     | 6666     | 3.10   | cps   |
| Potassium  | 39-2  | 279130   | 278985   | 277171   | 278429   | 0.39   | cps   |
| Rhodium    | 103-1 | 12527344 | 12376257 | 12500477 | 12468026 | 0.65   | cps   |
| Rhodium    | 103-2 | 6196846  | 6190685  | 6174591  | 6187374  | 0.19   | cps   |
| Scandium   | 45-1  | 8215741  | 8207183  | 8238269  | 8220398  | 0.20   | cps   |
| Scandium   | 45-2  | 427832   | 424060   | 428107   | 426667   | 0.53   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 133      | 83       | 104      | 107      | 23.55  | cps   |
| Selenium   | 82-1  | 139      | 130      | 7        | 92       | 80.61  | cps   |
| Silicon    | 28-1  | 9259469  | 9197079  | 9084125  | 9180225  | 0.97   | cps   |
| Silver     | 109-1 | 192      | 250      | 158      | 200      | 23.20  | cps   |
| Silver     | 107-1 | 267      | 158      | 167      | 197      | 30.57  | cps   |
| Sodium     | 23-2  | 8943925  | 8843832  | 8808228  | 8865328  | 0.79   | cps   |
| Strontium  | 86-1  | 104219   | 100851   | 99687    | 101586   | 2.32   | cps   |
| Strontium  | 88-1  | 895574   | 877207   | 880265   | 884349   | 1.11   | cps   |
| Sulfur     | 34-1  | 541382   | 538215   | 542576   | 540724   | 0.42   | cps   |
| Terbium    | 159-1 | 17809250 | 17727933 | 17715936 | 17751040 | 0.29   | cps   |
| Terbium    | 159-2 | 9077126  | 9089006  | 9061896  | 9076009  | 0.15   | cps   |
| Thallium   | 203-1 | 350      | 258      | 467      | 358      | 29.14  | cps   |
| Thallium   | 205-1 | 925      | 808      | 892      | 875      | 6.87   | cps   |
| Tin        | 118-1 | 1150     | 1283     | 1075     | 1170     | 9.02   | cps   |
| Titanium   | 47-1  | 1025     | 942      | 1092     | 1020     | 7.37   | cps   |
| Uranium    | 238-1 | 967      | 1083     | 875      | 975      | 10.71  | cps   |
| Vanadium   | 51-2  | 347      | 370      | 327      | 348      | 6.24   | cps   |
| Yttrium    | 89-1  | 13545071 | 13333725 | 13390681 | 13423159 | 0.81   | cps   |
| Yttrium    | 89-2  | 2127092  | 2140995  | 2132150  | 2133412  | 0.33   | cps   |
| Zinc       | 66-2  | 28849    | 29296    | 29420    | 29188    | 1.03   | cps   |
| Zirconium  | 90-1  | 1183     | 1175     | 1283     | 1214     | 4.97   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-24             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-60-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:17:38  | DataFile Name :   | 182SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 250  | 300  | 317  | 289     | 12.01  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-61-FL2-CL7-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:21:03  | DataFile Name :   | 183SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1659     | 1625     | 1659     | 1647     | 1.17   | cps   |
| Antimony   | 121-1 | 2567     | 2484     | 2434     | 2495     | 2.70   | cps   |
| Arsenic    | 75-2  | 133      | 172      | 154      | 153      | 12.71  | cps   |
| Barium     | 135-1 | 82318    | 81548    | 80122    | 81329    | 1.37   | cps   |
| Barium     | 137-1 | 141684   | 143140   | 141795   | 142206   | 0.57   | cps   |
| Beryllium  | 9-1   | 44       | 39       | 22       | 35       | 32.88  | cps   |
| Bismuth    | 209-1 | 11488825 | 11405391 | 11659362 | 11517860 | 1.12   | cps   |
| Bismuth    | 209-2 | 7145700  | 7109626  | 7075050  | 7110125  | 0.50   | cps   |
| Boron      | 10-1  | 1967     | 1900     | 1900     | 1922     | 2.00   | cps   |
| Boron      | 11-1  | 9070     | 9387     | 9103     | 9187     | 1.90   | cps   |
| Cadmium    | 111-1 | 3030     | 2543     | 2778     | 2784     | 8.75   | cps   |
| Cadmium    | 106-1 | 3834     | 3259     | 3609     | 3567     | 8.13   | cps   |
| Cadmium    | 108-1 | 29       | 67       | 104      | 67       | 56.25  | cps   |
| Calcium    | 43-1  | 288475   | 292146   | 290713   | 290445   | 0.64   | cps   |
| Calcium    | 44-1  | 4862622  | 4881936  | 4841039  | 4861865  | 0.42   | cps   |
| Chromium   | 52-2  | 2040     | 1960     | 2064     | 2021     | 2.68   | cps   |
| Cobalt     | 59-2  | 1347     | 1333     | 1373     | 1351     | 1.51   | cps   |
| Copper     | 63-2  | 1321068  | 1314399  | 1317514  | 1317660  | 0.25   | cps   |
| Dysprosium | 156-1 | 50       | 17       | 83       | 50       | 66.67  | cps   |
| Dysprosium | 156-2 | 33       | 33       | 20       | 29       | 26.64  | cps   |
| Erbium     | 164-1 | 92       | 75       | 158      | 108      | 40.71  | cps   |
| Erbium     | 164-2 | 47       | 47       | 73       | 56       | 27.71  | cps   |
| Gadolinium | 160-1 | 108      | 100      | 125      | 111      | 11.46  | cps   |
| Gadolinium | 160-2 | 160      | 127      | 100      | 129      | 23.32  | cps   |
| Holmium    | 165-1 | 17474384 | 17425039 | 17527152 | 17475525 | 0.29   | cps   |
| Holmium    | 165-2 | 9055030  | 9103444  | 9051285  | 9069920  | 0.32   | cps   |
| Indium     | 115-1 | 13366098 | 13331377 | 13473576 | 13390350 | 0.55   | cps   |
| Indium     | 115-2 | 2747318  | 2762999  | 2744748  | 2751688  | 0.36   | cps   |
| Iron       | 56-2  | 170393   | 170433   | 173700   | 171509   | 1.11   | cps   |
| Iron       | 57-2  | 5007     | 5201     | 4968     | 5058     | 2.47   | cps   |
| Lead       | 206-1 | 31866    | 32685    | 32919    | 32490    | 1.70   | cps   |
| Lead       | 207-1 | 28047    | 27407    | 27518    | 27657    | 1.24   | cps   |
| Lead       | 208-1 | 129026   | 127356   | 127171   | 127851   | 0.80   | cps   |
| Lithium    | 6-1   | 1830013  | 1812442  | 1833573  | 1825342  | 0.62   | cps   |
| Magnesium  | 24-2  | 519656   | 527299   | 519704   | 522220   | 0.84   | cps   |
| Manganese  | 55-2  | 29403    | 28535    | 29416    | 29118    | 1.74   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-61-FL2-CL7-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:21:03  | DataFile Name :   | 183SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 575      | 625      | 508      | 569      | 10.28  | cps   |
| Molybdenum | 95-1  | 292      | 300      | 283      | 292      | 2.86   | cps   |
| Molybdenum | 96-1  | 425      | 442      | 383      | 417      | 7.21   | cps   |
| Molybdenum | 97-1  | 250      | 317      | 217      | 261      | 19.50  | cps   |
| Molybdenum | 98-1  | 517      | 583      | 500      | 533      | 8.27   | cps   |
| Neodymium  | 150-1 | 33       | 27       | 47       | 36       | 28.64  | cps   |
| Neodymium  | 150-2 | 17       | 20       | 17       | 18       | 10.81  | cps   |
| Nickel     | 60-2  | 632250   | 634787   | 628686   | 631908   | 0.49   | cps   |
| Phosphorus | 31-2  | 4326     | 4701     | 4351     | 4459     | 4.70   | cps   |
| Potassium  | 39-2  | 273530   | 277575   | 274954   | 275353   | 0.75   | cps   |
| Rhodium    | 103-1 | 12617985 | 12487348 | 12568726 | 12558020 | 0.53   | cps   |
| Rhodium    | 103-2 | 6258773  | 6282652  | 6157352  | 6232926  | 1.07   | cps   |
| Scandium   | 45-1  | 8302796  | 8344396  | 8273725  | 8306972  | 0.43   | cps   |
| Scandium   | 45-2  | 428297   | 432019   | 429523   | 429946   | 0.44   | cps   |
| Selenium   | 77-2  | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 89       | 100      | 100      | 96       | 6.66   | cps   |
| Selenium   | 82-1  | 51       | 74       | 110      | 78       | 38.18  | cps   |
| Silicon    | 28-1  | 9874312  | 9835598  | 9821086  | 9843665  | 0.28   | cps   |
| Silver     | 109-1 | 642      | 775      | 667      | 694      | 10.21  | cps   |
| Silver     | 107-1 | 933      | 825      | 767      | 842      | 10.05  | cps   |
| Sodium     | 23-2  | 8145234  | 8104778  | 8019587  | 8089866  | 0.79   | cps   |
| Strontium  | 86-1  | 108322   | 109381   | 109071   | 108925   | 0.50   | cps   |
| Strontium  | 88-1  | 963651   | 959120   | 947166   | 956645   | 0.89   | cps   |
| Sulfur     | 34-1  | 538577   | 537906   | 533807   | 536763   | 0.48   | cps   |
| Terbium    | 159-1 | 18020014 | 17745598 | 18006902 | 17924171 | 0.86   | cps   |
| Terbium    | 159-2 | 9111910  | 9095510  | 9149579  | 9119000  | 0.30   | cps   |
| Thallium   | 203-1 | 383      | 433      | 333      | 383      | 13.04  | cps   |
| Thallium   | 205-1 | 992      | 1033     | 808      | 945      | 12.67  | cps   |
| Tin        | 118-1 | 4409     | 3884     | 4209     | 4167     | 6.36   | cps   |
| Titanium   | 47-1  | 617      | 683      | 708      | 669      | 7.08   | cps   |
| Uranium    | 238-1 | 1117     | 1250     | 1100     | 1156     | 7.11   | cps   |
| Vanadium   | 51-2  | 273      | 367      | 363      | 334      | 15.83  | cps   |
| Yttrium    | 89-1  | 13765851 | 13563540 | 13622054 | 13650482 | 0.76   | cps   |
| Yttrium    | 89-2  | 2144085  | 2161681  | 2149577  | 2151781  | 0.42   | cps   |
| Zinc       | 66-2  | 788786   | 790153   | 781833   | 786924   | 0.57   | cps   |
| Zirconium  | 90-1  | 1275     | 1142     | 1125     | 1181     | 6.96   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-61-FL2-CL7-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:21:03  | DataFile Name :   | 183SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 333  | 142  | 217  | 231     | 41.89  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-26 Instrumnet Name : P7  
 Client Sample ID : DC25820-62-FL2-CL7-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:24:27 DataFile Name : 184SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1809     | 1558     | 1809     | 1725     | 8.37   | cps   |
| Antimony   | 121-1 | 1000     | 908      | 817      | 908      | 10.09  | cps   |
| Arsenic    | 75-2  | 154      | 209      | 170      | 178      | 16.03  | cps   |
| Barium     | 135-1 | 84565    | 82577    | 84708    | 83950    | 1.42   | cps   |
| Barium     | 137-1 | 144386   | 144039   | 144285   | 144236   | 0.12   | cps   |
| Beryllium  | 9-1   | 33       | 28       | 22       | 28       | 20.00  | cps   |
| Bismuth    | 209-1 | 11442059 | 11332972 | 11389243 | 11388091 | 0.48   | cps   |
| Bismuth    | 209-2 | 6981024  | 6964455  | 6955808  | 6967096  | 0.18   | cps   |
| Boron      | 10-1  | 1708     | 1525     | 1575     | 1603     | 5.91   | cps   |
| Boron      | 11-1  | 8036     | 8478     | 8803     | 8439     | 4.56   | cps   |
| Cadmium    | 111-1 | 2338     | 2315     | 2210     | 2287     | 2.99   | cps   |
| Cadmium    | 106-1 | 3342     | 3276     | 3109     | 3242     | 3.71   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 0        | 8        | 100.02 | cps   |
| Calcium    | 43-1  | 281819   | 282119   | 279409   | 281116   | 0.53   | cps   |
| Calcium    | 44-1  | 4689662  | 4650521  | 4593965  | 4644716  | 1.04   | cps   |
| Chromium   | 52-2  | 2107     | 2154     | 2257     | 2172     | 3.53   | cps   |
| Cobalt     | 59-2  | 560      | 507      | 463      | 510      | 9.49   | cps   |
| Copper     | 63-2  | 486214   | 485235   | 486453   | 485967   | 0.13   | cps   |
| Dysprosium | 156-1 | 75       | 108      | 125      | 103      | 24.77  | cps   |
| Dysprosium | 156-2 | 43       | 53       | 47       | 48       | 10.66  | cps   |
| Erbium     | 164-1 | 233      | 125      | 150      | 169      | 33.47  | cps   |
| Erbium     | 164-2 | 67       | 67       | 63       | 66       | 2.94   | cps   |
| Gadolinium | 160-1 | 150      | 167      | 233      | 183      | 24.05  | cps   |
| Gadolinium | 160-2 | 190      | 160      | 160      | 170      | 10.19  | cps   |
| Holmium    | 165-1 | 17440552 | 17406732 | 17393453 | 17413579 | 0.14   | cps   |
| Holmium    | 165-2 | 9039257  | 9014051  | 9018076  | 9023795  | 0.15   | cps   |
| Indium     | 115-1 | 13261945 | 13389996 | 13232643 | 13294861 | 0.63   | cps   |
| Indium     | 115-2 | 2729234  | 2729049  | 2721491  | 2726591  | 0.16   | cps   |
| Iron       | 56-2  | 116102   | 121108   | 132538   | 123249   | 6.84   | cps   |
| Iron       | 57-2  | 3406     | 3423     | 3645     | 3491     | 3.82   | cps   |
| Lead       | 206-1 | 5440     | 5123     | 5196     | 5253     | 3.16   | cps   |
| Lead       | 207-1 | 4545     | 4262     | 4340     | 4382     | 3.34   | cps   |
| Lead       | 208-1 | 20679    | 20379    | 20401    | 20486    | 0.82   | cps   |
| Lithium    | 6-1   | 1811255  | 1802660  | 1779953  | 1797956  | 0.90   | cps   |
| Magnesium  | 24-2  | 508582   | 515755   | 513690   | 512675   | 0.72   | cps   |
| Manganese  | 55-2  | 43056    | 42154    | 41833    | 42348    | 1.50   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-62-FL2-CL7-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:24:27  | DataFile Name :   | 184SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 750      | 492      | 550      | 597      | 22.69  | cps   |
| Molybdenum | 95-1  | 208      | 283      | 400      | 297      | 32.50  | cps   |
| Molybdenum | 96-1  | 383      | 483      | 567      | 478      | 19.21  | cps   |
| Molybdenum | 97-1  | 300      | 292      | 233      | 275      | 13.21  | cps   |
| Molybdenum | 98-1  | 517      | 633      | 642      | 597      | 11.70  | cps   |
| Neodymium  | 150-1 | 127      | 87       | 40       | 84       | 51.37  | cps   |
| Neodymium  | 150-2 | 27       | 40       | 27       | 31       | 24.74  | cps   |
| Nickel     | 60-2  | 4901     | 4904     | 4924     | 4910     | 0.26   | cps   |
| Phosphorus | 31-2  | 7052     | 6810     | 6702     | 6855     | 2.62   | cps   |
| Potassium  | 39-2  | 272673   | 271635   | 275519   | 273276   | 0.74   | cps   |
| Rhodium    | 103-1 | 12502052 | 12440431 | 12520958 | 12487814 | 0.34   | cps   |
| Rhodium    | 103-2 | 6172435  | 6232383  | 6219583  | 6208134  | 0.51   | cps   |
| Scandium   | 45-1  | 8206559  | 8280085  | 8134756  | 8207133  | 0.89   | cps   |
| Scandium   | 45-2  | 420717   | 421197   | 424976   | 422297   | 0.55   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 76       | 111      | 117      | 101      | 21.82  | cps   |
| Selenium   | 82-1  | 96       | 148      | 46       | 97       | 52.67  | cps   |
| Silicon    | 28-1  | 9115014  | 9179611  | 9199784  | 9164803  | 0.48   | cps   |
| Silver     | 109-1 | 192      | 258      | 183      | 211      | 19.47  | cps   |
| Silver     | 107-1 | 358      | 250      | 292      | 300      | 18.22  | cps   |
| Sodium     | 23-2  | 8774029  | 8716941  | 8787422  | 8759464  | 0.43   | cps   |
| Strontium  | 86-1  | 103842   | 102623   | 102942   | 103136   | 0.61   | cps   |
| Strontium  | 88-1  | 909364   | 892962   | 893813   | 898713   | 1.03   | cps   |
| Sulfur     | 34-1  | 542242   | 542723   | 549680   | 544881   | 0.76   | cps   |
| Terbium    | 159-1 | 17817623 | 17777269 | 17683038 | 17759310 | 0.39   | cps   |
| Terbium    | 159-2 | 9011154  | 9022688  | 9007200  | 9013681  | 0.09   | cps   |
| Thallium   | 203-1 | 350      | 325      | 350      | 342      | 4.22   | cps   |
| Thallium   | 205-1 | 783      | 758      | 792      | 778      | 2.23   | cps   |
| Tin        | 118-1 | 933      | 908      | 925      | 922      | 1.38   | cps   |
| Titanium   | 47-1  | 1117     | 1017     | 1033     | 1056     | 5.08   | cps   |
| Uranium    | 238-1 | 833      | 800      | 833      | 822      | 2.34   | cps   |
| Vanadium   | 51-2  | 363      | 343      | 360      | 356      | 3.01   | cps   |
| Yttrium    | 89-1  | 13597050 | 13457025 | 13456653 | 13503576 | 0.60   | cps   |
| Yttrium    | 89-2  | 2129998  | 2134663  | 2121672  | 2128778  | 0.31   | cps   |
| Zinc       | 66-2  | 13556    | 13760    | 12969    | 13429    | 3.06   | cps   |
| Zirconium  | 90-1  | 1242     | 1250     | 1392     | 1295     | 6.51   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-62-FL2-CL7-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:24:27  | DataFile Name :   | 184SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 292  | 200  | 242     | 19.20  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-63-FL2-BRCL7 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:27:53  | DataFile Name :   | 185SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2050     | 1850     | 2117     | 2006     | 6.92   | cps   |
| Antimony   | 121-1 | 1700     | 1784     | 1608     | 1697     | 5.16   | cps   |
| Arsenic    | 75-2  | 170      | 163      | 154      | 162      | 5.14   | cps   |
| Barium     | 135-1 | 90981    | 88641    | 87827    | 89149    | 1.84   | cps   |
| Barium     | 137-1 | 156657   | 153641   | 155201   | 155166   | 0.97   | cps   |
| Beryllium  | 9-1   | 11       | 22       | 44       | 26       | 65.48  | cps   |
| Bismuth    | 209-1 | 11366699 | 11183633 | 11379905 | 11310079 | 0.97   | cps   |
| Bismuth    | 209-2 | 6817215  | 6948198  | 6971553  | 6912322  | 1.20   | cps   |
| Boron      | 10-1  | 1809     | 1709     | 1925     | 1814     | 5.98   | cps   |
| Boron      | 11-1  | 8128     | 8444     | 8644     | 8405     | 3.10   | cps   |
| Cadmium    | 111-1 | 2479     | 2485     | 2367     | 2444     | 2.72   | cps   |
| Cadmium    | 106-1 | 3451     | 3342     | 3242     | 3345     | 3.12   | cps   |
| Cadmium    | 108-1 | 46       | 42       | 21       | 36       | 37.10  | cps   |
| Calcium    | 43-1  | 322513   | 317329   | 313402   | 317748   | 1.44   | cps   |
| Calcium    | 44-1  | 5361529  | 5345663  | 5290226  | 5332473  | 0.70   | cps   |
| Chromium   | 52-2  | 1547     | 1583     | 1500     | 1543     | 2.71   | cps   |
| Cobalt     | 59-2  | 360      | 360      | 280      | 333      | 13.86  | cps   |
| Copper     | 63-2  | 1323364  | 1321765  | 1323915  | 1323015  | 0.08   | cps   |
| Dysprosium | 156-1 | 25       | 42       | 50       | 39       | 32.73  | cps   |
| Dysprosium | 156-2 | 17       | 10       | 27       | 18       | 47.19  | cps   |
| Erbium     | 164-1 | 92       | 108      | 83       | 94       | 13.48  | cps   |
| Erbium     | 164-2 | 47       | 30       | 43       | 40       | 22.05  | cps   |
| Gadolinium | 160-1 | 83       | 108      | 208      | 133      | 49.61  | cps   |
| Gadolinium | 160-2 | 130      | 200      | 113      | 148      | 31.12  | cps   |
| Holmium    | 165-1 | 17344052 | 17167554 | 17285964 | 17265857 | 0.52   | cps   |
| Holmium    | 165-2 | 8960422  | 9076681  | 9077696  | 9038266  | 0.75   | cps   |
| Indium     | 115-1 | 13202896 | 13206218 | 13395374 | 13268163 | 0.83   | cps   |
| Indium     | 115-2 | 2723101  | 2730434  | 2728141  | 2727226  | 0.14   | cps   |
| Iron       | 56-2  | 68192    | 68253    | 69559    | 68668    | 1.12   | cps   |
| Iron       | 57-2  | 2478     | 2723     | 2639     | 2613     | 4.76   | cps   |
| Lead       | 206-1 | 52777    | 53123    | 52113    | 52671    | 0.97   | cps   |
| Lead       | 207-1 | 44196    | 44487    | 42173    | 43619    | 2.89   | cps   |
| Lead       | 208-1 | 205291   | 204095   | 201931   | 203772   | 0.84   | cps   |
| Lithium    | 6-1   | 1821690  | 1803923  | 1821596  | 1815736  | 0.56   | cps   |
| Magnesium  | 24-2  | 556354   | 568257   | 567831   | 564147   | 1.20   | cps   |
| Manganese  | 55-2  | 17137    | 17240    | 16953    | 17110    | 0.85   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-27 Instrumnet Name : P7  
 Client Sample ID : DC25820-63-FL2-BRCL7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:27:53 DataFile Name : 185SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 533      | 542      | 633      | 569      | 9.74   | cps   |
| Molybdenum | 95-1  | 250      | 308      | 425      | 328      | 27.18  | cps   |
| Molybdenum | 96-1  | 433      | 408      | 317      | 386      | 15.91  | cps   |
| Molybdenum | 97-1  | 292      | 367      | 192      | 283      | 30.99  | cps   |
| Molybdenum | 98-1  | 492      | 525      | 542      | 519      | 4.90   | cps   |
| Neodymium  | 150-1 | 33       | 20       | 100      | 51       | 83.88  | cps   |
| Neodymium  | 150-2 | 7        | 33       | 3        | 14       | 113.83 | cps   |
| Nickel     | 60-2  | 46219    | 46002    | 46728    | 46316    | 0.80   | cps   |
| Phosphorus | 31-2  | 4109     | 4359     | 4276     | 4248     | 3.00   | cps   |
| Potassium  | 39-2  | 280725   | 282219   | 281175   | 281373   | 0.27   | cps   |
| Rhodium    | 103-1 | 12615076 | 12472129 | 12387054 | 12491420 | 0.92   | cps   |
| Rhodium    | 103-2 | 6176719  | 6224923  | 6140803  | 6180815  | 0.68   | cps   |
| Scandium   | 45-1  | 8311995  | 7989584  | 8204902  | 8168827  | 2.01   | cps   |
| Scandium   | 45-2  | 422546   | 423898   | 420992   | 422479   | 0.34   | cps   |
| Selenium   | 77-2  | 10       | 3        | 10       | 8        | 49.52  | cps   |
| Selenium   | 78-2  | 94       | 106      | 109      | 103      | 7.48   | cps   |
| Selenium   | 82-1  | 109      | 164      | -3       | 90       | 94.39  | cps   |
| Silicon    | 28-1  | 10410953 | 10356623 | 10438216 | 10401931 | 0.40   | cps   |
| Silver     | 109-1 | 1533     | 1533     | 1533     | 1533     | 0.00   | cps   |
| Silver     | 107-1 | 1734     | 1850     | 1600     | 1728     | 7.25   | cps   |
| Sodium     | 23-2  | 8402566  | 8399650  | 8501922  | 8434713  | 0.69   | cps   |
| Strontium  | 86-1  | 120250   | 118469   | 119125   | 119281   | 0.76   | cps   |
| Strontium  | 88-1  | 1036125  | 1037442  | 1031415  | 1034994  | 0.31   | cps   |
| Sulfur     | 34-1  | 538260   | 534393   | 539544   | 537399   | 0.50   | cps   |
| Terbium    | 159-1 | 17683215 | 17716820 | 18077160 | 17825732 | 1.23   | cps   |
| Terbium    | 159-2 | 9061995  | 8903742  | 8847952  | 8937896  | 1.24   | cps   |
| Thallium   | 203-1 | 1033     | 808      | 967      | 936      | 12.35  | cps   |
| Thallium   | 205-1 | 2384     | 2109     | 2492     | 2328     | 8.49   | cps   |
| Tin        | 118-1 | 5018     | 5243     | 4859     | 5040     | 3.82   | cps   |
| Titanium   | 47-1  | 908      | 850      | 683      | 814      | 14.35  | cps   |
| Uranium    | 238-1 | 1117     | 975      | 975      | 1022     | 8.00   | cps   |
| Vanadium   | 51-2  | 340      | 350      | 323      | 338      | 3.99   | cps   |
| Yttrium    | 89-1  | 13501194 | 13383931 | 13620771 | 13501965 | 0.88   | cps   |
| Yttrium    | 89-2  | 2144051  | 2137781  | 2135014  | 2138949  | 0.22   | cps   |
| Zinc       | 66-2  | 327736   | 329360   | 326620   | 327906   | 0.42   | cps   |
| Zirconium  | 90-1  | 1735     | 950      | 1083     | 1256     | 33.45  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-63-FL2-BRCL7 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:27:53  | DataFile Name :   | 185SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 267  | 208  | 225     | 16.14  | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-28 Instrumnet Name : P7  
 Client Sample ID : DC25820-64-FL2-BRCL7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:31:18 DataFile Name : 186SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1675     | 1884     | 2009     | 1856     | 9.08   | cps   |
| Antimony   | 121-1 | 708      | 825      | 642      | 725      | 12.80  | cps   |
| Arsenic    | 75-2  | 189      | 172      | 163      | 175      | 7.52   | cps   |
| Barium     | 135-1 | 71568    | 69951    | 70069    | 70529    | 1.28   | cps   |
| Barium     | 137-1 | 121183   | 122024   | 119200   | 120802   | 1.20   | cps   |
| Beryllium  | 9-1   | 6        | 33       | 44       | 28       | 72.10  | cps   |
| Bismuth    | 209-1 | 11395578 | 11433616 | 11361792 | 11396995 | 0.32   | cps   |
| Bismuth    | 209-2 | 7132586  | 7326706  | 7214230  | 7224507  | 1.35   | cps   |
| Boron      | 10-1  | 1308     | 1667     | 1408     | 1461     | 12.66  | cps   |
| Boron      | 11-1  | 7694     | 7902     | 8144     | 7914     | 2.85   | cps   |
| Cadmium    | 111-1 | 2484     | 2278     | 2337     | 2366     | 4.47   | cps   |
| Cadmium    | 106-1 | 3509     | 3225     | 3309     | 3348     | 4.35   | cps   |
| Cadmium    | 108-1 | 8        | 13       | 13       | 11       | 21.67  | cps   |
| Calcium    | 43-1  | 279790   | 279866   | 280778   | 280145   | 0.20   | cps   |
| Calcium    | 44-1  | 4660614  | 4712878  | 4612373  | 4661955  | 1.08   | cps   |
| Chromium   | 52-2  | 1877     | 1887     | 1944     | 1902     | 1.89   | cps   |
| Cobalt     | 59-2  | 263      | 290      | 227      | 260      | 12.23  | cps   |
| Copper     | 63-2  | 306554   | 302582   | 309121   | 306086   | 1.08   | cps   |
| Dysprosium | 156-1 | 142      | 100      | 42       | 94       | 53.18  | cps   |
| Dysprosium | 156-2 | 43       | 53       | 43       | 47       | 12.37  | cps   |
| Erbium     | 164-1 | 100      | 183      | 125      | 136      | 31.41  | cps   |
| Erbium     | 164-2 | 57       | 50       | 70       | 59       | 17.29  | cps   |
| Gadolinium | 160-1 | 142      | 142      | 208      | 164      | 23.48  | cps   |
| Gadolinium | 160-2 | 163      | 113      | 220      | 166      | 32.24  | cps   |
| Holmium    | 165-1 | 17556302 | 17232893 | 17268487 | 17352561 | 1.02   | cps   |
| Holmium    | 165-2 | 9244837  | 9154390  | 9139464  | 9179564  | 0.62   | cps   |
| Indium     | 115-1 | 13343812 | 13235545 | 13197667 | 13259008 | 0.57   | cps   |
| Indium     | 115-2 | 2758699  | 2795928  | 2767069  | 2773899  | 0.70   | cps   |
| Iron       | 56-2  | 119082   | 120190   | 121133   | 120135   | 0.85   | cps   |
| Iron       | 57-2  | 3389     | 3656     | 3901     | 3649     | 7.01   | cps   |
| Lead       | 206-1 | 12161    | 12206    | 11967    | 12111    | 1.05   | cps   |
| Lead       | 207-1 | 9965     | 10182    | 10210    | 10119    | 1.32   | cps   |
| Lead       | 208-1 | 46711    | 47824    | 46650    | 47062    | 1.40   | cps   |
| Lithium    | 6-1   | 1827951  | 1835403  | 1812470  | 1825275  | 0.64   | cps   |
| Magnesium  | 24-2  | 521178   | 517939   | 520821   | 519979   | 0.34   | cps   |
| Manganese  | 55-2  | 43982    | 44581    | 44815    | 44459    | 0.97   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-64-FL2-BRCL7 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:31:18  | DataFile Name :   | 186SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 750      | 625      | 683      | 686      | 9.12   | cps   |
| Molybdenum | 95-1  | 425      | 358      | 300      | 361      | 17.32  | cps   |
| Molybdenum | 96-1  | 508      | 417      | 508      | 478      | 11.08  | cps   |
| Molybdenum | 97-1  | 333      | 358      | 283      | 325      | 11.75  | cps   |
| Molybdenum | 98-1  | 508      | 525      | 600      | 544      | 8.97   | cps   |
| Neodymium  | 150-1 | 80       | 40       | 93       | 71       | 39.03  | cps   |
| Neodymium  | 150-2 | 33       | 17       | 37       | 29       | 37.08  | cps   |
| Nickel     | 60-2  | 1500     | 1617     | 1460     | 1526     | 5.34   | cps   |
| Phosphorus | 31-2  | 7252     | 7677     | 6718     | 7216     | 6.66   | cps   |
| Potassium  | 39-2  | 272374   | 270796   | 276974   | 273381   | 1.17   | cps   |
| Rhodium    | 103-1 | 12620013 | 12559241 | 12520013 | 12566422 | 0.40   | cps   |
| Rhodium    | 103-2 | 6201064  | 6291716  | 6260292  | 6251024  | 0.74   | cps   |
| Scandium   | 45-1  | 8242972  | 8185438  | 8251048  | 8226486  | 0.43   | cps   |
| Scandium   | 45-2  | 427474   | 438833   | 431976   | 432761   | 1.32   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 94       | 122      | 96       | 104      | 14.88  | cps   |
| Selenium   | 82-1  | 51       | 172      | 208      | 144      | 56.93  | cps   |
| Silicon    | 28-1  | 9254605  | 9083745  | 9255721  | 9198024  | 1.08   | cps   |
| Silver     | 109-1 | 200      | 167      | 233      | 200      | 16.66  | cps   |
| Silver     | 107-1 | 158      | 267      | 175      | 200      | 29.17  | cps   |
| Sodium     | 23-2  | 8779735  | 8731320  | 8857836  | 8789630  | 0.73   | cps   |
| Strontium  | 86-1  | 102649   | 102120   | 100391   | 101720   | 1.16   | cps   |
| Strontium  | 88-1  | 892232   | 886460   | 881190   | 886628   | 0.62   | cps   |
| Sulfur     | 34-1  | 544383   | 541226   | 541152   | 542254   | 0.34   | cps   |
| Terbium    | 159-1 | 18008846 | 17883982 | 17745332 | 17879387 | 0.74   | cps   |
| Terbium    | 159-2 | 9130038  | 9202977  | 9061956  | 9131657  | 0.77   | cps   |
| Thallium   | 203-1 | 392      | 442      | 442      | 425      | 6.79   | cps   |
| Thallium   | 205-1 | 850      | 1158     | 917      | 975      | 16.64  | cps   |
| Tin        | 118-1 | 1308     | 1317     | 1142     | 1256     | 7.86   | cps   |
| Titanium   | 47-1  | 992      | 1376     | 1108     | 1159     | 17.00  | cps   |
| Uranium    | 238-1 | 875      | 892      | 808      | 858      | 5.14   | cps   |
| Vanadium   | 51-2  | 320      | 300      | 320      | 313      | 3.69   | cps   |
| Yttrium    | 89-1  | 13533127 | 13579717 | 13575494 | 13562779 | 0.19   | cps   |
| Yttrium    | 89-2  | 2153559  | 2166926  | 2148890  | 2156458  | 0.43   | cps   |
| Zinc       | 66-2  | 15715    | 15906    | 16062    | 15894    | 1.09   | cps   |
| Zirconium  | 90-1  | 1167     | 1067     | 1258     | 1164     | 8.24   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-64-FL2-BRCL7 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:31:18  | DataFile Name :   | 186SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 242  | 283  | 281     | 13.39  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-65-FL2-CL8-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:34:43  | DataFile Name :   | 187SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1617     | 1517     | 1508     | 1547     | 3.90   | cps   |
| Antimony   | 121-1 | 1675     | 1292     | 1634     | 1533     | 13.72  | cps   |
| Arsenic    | 75-2  | 178      | 167      | 159      | 168      | 5.55   | cps   |
| Barium     | 135-1 | 75288    | 76209    | 74408    | 75301    | 1.20   | cps   |
| Barium     | 137-1 | 133101   | 132512   | 130222   | 131945   | 1.15   | cps   |
| Beryllium  | 9-1   | 22       | 22       | 22       | 22       | 0.00   | cps   |
| Bismuth    | 209-1 | 11611012 | 11476643 | 11497864 | 11528506 | 0.63   | cps   |
| Bismuth    | 209-2 | 6655118  | 7074927  | 7050241  | 6926762  | 3.40   | cps   |
| Boron      | 10-1  | 2384     | 2367     | 2225     | 2325     | 3.74   | cps   |
| Boron      | 11-1  | 12314    | 11663    | 12189    | 12055    | 2.86   | cps   |
| Cadmium    | 111-1 | 2492     | 2328     | 2557     | 2459     | 4.79   | cps   |
| Cadmium    | 106-1 | 3492     | 3284     | 3651     | 3476     | 5.29   | cps   |
| Cadmium    | 108-1 | 33       | 29       | 46       | 36       | 24.03  | cps   |
| Calcium    | 43-1  | 287137   | 290564   | 287265   | 288322   | 0.67   | cps   |
| Calcium    | 44-1  | 4887588  | 4861214  | 4788686  | 4845830  | 1.06   | cps   |
| Chromium   | 52-2  | 1860     | 1830     | 1853     | 1848     | 0.85   | cps   |
| Cobalt     | 59-2  | 870      | 837      | 757      | 821      | 7.09   | cps   |
| Copper     | 63-2  | 1160548  | 1151931  | 1155915  | 1156131  | 0.37   | cps   |
| Dysprosium | 156-1 | 67       | 75       | 33       | 58       | 37.80  | cps   |
| Dysprosium | 156-2 | 37       | 13       | 23       | 24       | 47.91  | cps   |
| Erbium     | 164-1 | 75       | 50       | 175      | 100      | 66.15  | cps   |
| Erbium     | 164-2 | 67       | 70       | 57       | 64       | 10.76  | cps   |
| Gadolinium | 160-1 | 125      | 125      | 175      | 142      | 20.38  | cps   |
| Gadolinium | 160-2 | 203      | 190      | 193      | 196      | 3.55   | cps   |
| Holmium    | 165-1 | 17722543 | 17496138 | 17594960 | 17604547 | 0.64   | cps   |
| Holmium    | 165-2 | 9028472  | 9131390  | 9017755  | 9059206  | 0.69   | cps   |
| Indium     | 115-1 | 13477701 | 13399672 | 13426289 | 13434554 | 0.30   | cps   |
| Indium     | 115-2 | 2752543  | 2761793  | 2764227  | 2759521  | 0.22   | cps   |
| Iron       | 56-2  | 440575   | 434004   | 438871   | 437817   | 0.78   | cps   |
| Iron       | 57-2  | 11733    | 11566    | 11310    | 11536    | 1.84   | cps   |
| Lead       | 206-1 | 21557    | 21451    | 21473    | 21494    | 0.26   | cps   |
| Lead       | 207-1 | 18474    | 18252    | 18157    | 18295    | 0.89   | cps   |
| Lead       | 208-1 | 84846    | 83269    | 83431    | 83849    | 1.03   | cps   |
| Lithium    | 6-1   | 1873292  | 1849371  | 1830517  | 1851060  | 1.16   | cps   |
| Magnesium  | 24-2  | 584480   | 584919   | 592548   | 587316   | 0.77   | cps   |
| Manganese  | 55-2  | 39717    | 39232    | 39039    | 39329    | 0.89   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-65-FL2-CL8-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:34:43  | DataFile Name :   | 187SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 575      | 633      | 567      | 592      | 6.14   | cps   |
| Molybdenum | 95-1  | 350      | 242      | 217      | 269      | 26.30  | cps   |
| Molybdenum | 96-1  | 392      | 425      | 367      | 394      | 7.42   | cps   |
| Molybdenum | 97-1  | 225      | 300      | 217      | 247      | 18.56  | cps   |
| Molybdenum | 98-1  | 567      | 508      | 558      | 544      | 5.79   | cps   |
| Neodymium  | 150-1 | 40       | 53       | 53       | 49       | 15.75  | cps   |
| Neodymium  | 150-2 | 30       | 40       | 20       | 30       | 33.33  | cps   |
| Nickel     | 60-2  | 39069    | 38551    | 39105    | 38908    | 0.80   | cps   |
| Phosphorus | 31-2  | 6143     | 5926     | 6093     | 6054     | 1.87   | cps   |
| Potassium  | 39-2  | 285665   | 282279   | 285972   | 284639   | 0.72   | cps   |
| Rhodium    | 103-1 | 12694784 | 12436807 | 12601401 | 12577664 | 1.04   | cps   |
| Rhodium    | 103-2 | 6233198  | 6242559  | 6259626  | 6245128  | 0.21   | cps   |
| Scandium   | 45-1  | 8509905  | 8274183  | 8332316  | 8372135  | 1.47   | cps   |
| Scandium   | 45-2  | 426738   | 429522   | 430955   | 429072   | 0.50   | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 144      | 102      | 111      | 119      | 18.81  | cps   |
| Selenium   | 82-1  | 139      | 182      | 64       | 128      | 46.49  | cps   |
| Silicon    | 28-1  | 9793485  | 9729188  | 9575066  | 9699246  | 1.16   | cps   |
| Silver     | 109-1 | 400      | 517      | 433      | 450      | 13.35  | cps   |
| Silver     | 107-1 | 542      | 458      | 583      | 528      | 12.06  | cps   |
| Sodium     | 23-2  | 8882787  | 8856584  | 8990698  | 8910023  | 0.80   | cps   |
| Strontium  | 86-1  | 105858   | 105267   | 103463   | 104863   | 1.19   | cps   |
| Strontium  | 88-1  | 927809   | 916862   | 914942   | 919871   | 0.75   | cps   |
| Sulfur     | 34-1  | 538125   | 539403   | 540064   | 539197   | 0.18   | cps   |
| Terbium    | 159-1 | 18054558 | 17970745 | 17998384 | 18007896 | 0.24   | cps   |
| Terbium    | 159-2 | 9053811  | 9025357  | 9098837  | 9059335  | 0.41   | cps   |
| Thallium   | 203-1 | 400      | 425      | 442      | 422      | 4.97   | cps   |
| Thallium   | 205-1 | 925      | 875      | 950      | 917      | 4.17   | cps   |
| Tin        | 118-1 | 1367     | 1125     | 1092     | 1195     | 12.56  | cps   |
| Titanium   | 47-1  | 908      | 925      | 950      | 928      | 2.26   | cps   |
| Uranium    | 238-1 | 858      | 892      | 883      | 878      | 1.98   | cps   |
| Vanadium   | 51-2  | 300      | 380      | 343      | 341      | 11.74  | cps   |
| Yttrium    | 89-1  | 13752565 | 13433078 | 13553409 | 13579684 | 1.19   | cps   |
| Yttrium    | 89-2  | 2159146  | 2152373  | 2152572  | 2154697  | 0.18   | cps   |
| Zinc       | 66-2  | 345037   | 343254   | 342418   | 343570   | 0.39   | cps   |
| Zirconium  | 90-1  | 1167     | 1258     | 1008     | 1145     | 11.05  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-65-FL2-CL8-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:34:43  | DataFile Name :   | 187SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 275  | 200  | 217     | 24.02  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-66-FL2-CL8-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:38:08  | DataFile Name :   | 188SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1608     | 1725     | 1575     | 1636     | 4.82   | cps   |
| Antimony   | 121-1 | 1025     | 1083     | 867      | 992      | 11.31  | cps   |
| Arsenic    | 75-2  | 191      | 159      | 167      | 172      | 9.56   | cps   |
| Barium     | 135-1 | 70580    | 69943    | 71308    | 70610    | 0.97   | cps   |
| Barium     | 137-1 | 123377   | 121638   | 121907   | 122307   | 0.77   | cps   |
| Beryllium  | 9-1   | 33       | 67       | 50       | 50       | 33.34  | cps   |
| Bismuth    | 209-1 | 11482216 | 11469569 | 11549788 | 11500524 | 0.38   | cps   |
| Bismuth    | 209-2 | 6987841  | 7031893  | 6959181  | 6992971  | 0.52   | cps   |
| Boron      | 10-1  | 1517     | 1734     | 1575     | 1608     | 6.97   | cps   |
| Boron      | 11-1  | 8436     | 8153     | 8102     | 8230     | 2.19   | cps   |
| Cadmium    | 111-1 | 2252     | 2259     | 2312     | 2275     | 1.45   | cps   |
| Cadmium    | 106-1 | 3192     | 3234     | 3284     | 3237     | 1.42   | cps   |
| Cadmium    | 108-1 | 4        | 13       | 4        | 7        | 69.23  | cps   |
| Calcium    | 43-1  | 286816   | 284380   | 284305   | 285167   | 0.50   | cps   |
| Calcium    | 44-1  | 4772727  | 4761960  | 4769383  | 4768023  | 0.12   | cps   |
| Chromium   | 52-2  | 1523     | 1473     | 1640     | 1546     | 5.53   | cps   |
| Cobalt     | 59-2  | 240      | 290      | 253      | 261      | 9.92   | cps   |
| Copper     | 63-2  | 430560   | 428907   | 431497   | 430321   | 0.30   | cps   |
| Dysprosium | 156-1 | 100      | 67       | 50       | 72       | 35.25  | cps   |
| Dysprosium | 156-2 | 43       | 27       | 60       | 43       | 38.46  | cps   |
| Erbium     | 164-1 | 108      | 217      | 150      | 158      | 34.51  | cps   |
| Erbium     | 164-2 | 90       | 70       | 73       | 78       | 13.78  | cps   |
| Gadolinium | 160-1 | 175      | 150      | 217      | 181      | 18.65  | cps   |
| Gadolinium | 160-2 | 170      | 127      | 200      | 166      | 22.27  | cps   |
| Holmium    | 165-1 | 17351080 | 17283865 | 17417620 | 17350855 | 0.39   | cps   |
| Holmium    | 165-2 | 9072099  | 9033228  | 9070068  | 9058465  | 0.24   | cps   |
| Indium     | 115-1 | 13457544 | 13271052 | 13512033 | 13413543 | 0.94   | cps   |
| Indium     | 115-2 | 2742505  | 2742813  | 2752582  | 2745967  | 0.21   | cps   |
| Iron       | 56-2  | 104957   | 103496   | 126025   | 111492   | 11.31  | cps   |
| Iron       | 57-2  | 3017     | 3367     | 3262     | 3215     | 5.59   | cps   |
| Lead       | 206-1 | 3828     | 3917     | 3534     | 3760     | 5.34   | cps   |
| Lead       | 207-1 | 2889     | 3345     | 3084     | 3106     | 7.36   | cps   |
| Lead       | 208-1 | 14459    | 14637    | 14520    | 14539    | 0.62   | cps   |
| Lithium    | 6-1   | 1821915  | 1835075  | 1825489  | 1827493  | 0.37   | cps   |
| Magnesium  | 24-2  | 526460   | 528495   | 523874   | 526276   | 0.44   | cps   |
| Manganese  | 55-2  | 39336    | 38637    | 40034    | 39336    | 1.78   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-66-FL2-CL8-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:38:08  | DataFile Name :   | 188SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 492      | 692      | 567      | 583      | 17.32  | cps   |
| Molybdenum | 95-1  | 250      | 325      | 292      | 289      | 13.01  | cps   |
| Molybdenum | 96-1  | 483      | 375      | 375      | 411      | 15.22  | cps   |
| Molybdenum | 97-1  | 267      | 333      | 367      | 322      | 15.80  | cps   |
| Molybdenum | 98-1  | 608      | 508      | 575      | 564      | 9.03   | cps   |
| Neodymium  | 150-1 | 67       | 93       | 73       | 78       | 17.84  | cps   |
| Neodymium  | 150-2 | 27       | 27       | 33       | 29       | 13.31  | cps   |
| Nickel     | 60-2  | 1740     | 1753     | 1780     | 1758     | 1.16   | cps   |
| Phosphorus | 31-2  | 6919     | 7077     | 6919     | 6971     | 1.31   | cps   |
| Potassium  | 39-2  | 272492   | 276312   | 270702   | 273168   | 1.05   | cps   |
| Rhodium    | 103-1 | 12591549 | 12557530 | 12595509 | 12581529 | 0.17   | cps   |
| Rhodium    | 103-2 | 6202646  | 6219255  | 6262909  | 6228270  | 0.50   | cps   |
| Scandium   | 45-1  | 8300315  | 8415208  | 8276405  | 8330643  | 0.89   | cps   |
| Scandium   | 45-2  | 429925   | 425194   | 426485   | 427201   | 0.57   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 106      | 91       | 109      | 102      | 9.62   | cps   |
| Selenium   | 82-1  | -69      | 87       | 48       | 22       | 368.99 | cps   |
| Silicon    | 28-1  | 9307353  | 9251311  | 9174901  | 9244522  | 0.72   | cps   |
| Silver     | 109-1 | 158      | 175      | 192      | 175      | 9.53   | cps   |
| Silver     | 107-1 | 242      | 183      | 250      | 225      | 16.14  | cps   |
| Sodium     | 23-2  | 8995263  | 9091276  | 8950138  | 9012226  | 0.80   | cps   |
| Strontium  | 86-1  | 104487   | 102810   | 102312   | 103203   | 1.10   | cps   |
| Strontium  | 88-1  | 901166   | 902296   | 894290   | 899250   | 0.48   | cps   |
| Sulfur     | 34-1  | 540484   | 544362   | 545383   | 543410   | 0.48   | cps   |
| Terbium    | 159-1 | 18052161 | 17859580 | 17836691 | 17916144 | 0.66   | cps   |
| Terbium    | 159-2 | 9075546  | 9141184  | 9054195  | 9090308  | 0.50   | cps   |
| Thallium   | 203-1 | 342      | 483      | 433      | 419      | 17.13  | cps   |
| Thallium   | 205-1 | 942      | 1033     | 933      | 970      | 5.72   | cps   |
| Tin        | 118-1 | 817      | 867      | 800      | 828      | 4.19   | cps   |
| Titanium   | 47-1  | 1050     | 1317     | 1042     | 1136     | 13.77  | cps   |
| Uranium    | 238-1 | 800      | 825      | 808      | 811      | 1.57   | cps   |
| Vanadium   | 51-2  | 383      | 367      | 340      | 363      | 6.02   | cps   |
| Yttrium    | 89-1  | 13656651 | 13466774 | 13526111 | 13549845 | 0.72   | cps   |
| Yttrium    | 89-2  | 2137498  | 2146085  | 2146389  | 2143324  | 0.24   | cps   |
| Zinc       | 66-2  | 6932     | 6948     | 7098     | 6993     | 1.31   | cps   |
| Zirconium  | 90-1  | 1175     | 1117     | 1467     | 1253     | 14.97  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-66-FL2-CL8-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:38:08  | DataFile Name :   | 188SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 300  | 283  | 200  | 261     | 20.52  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV81               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:41:33 | DataFile Name :   | 189SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 867      | 658      | 683      | 736      | 15.45  | cps   |
| Antimony   | 121-1 | 83       | 117      | 167      | 122      | 34.32  | cps   |
| Arsenic    | 75-2  | 4        | 13       | 9        | 9        | 53.95  | cps   |
| Barium     | 135-1 | 92       | 67       | 108      | 89       | 23.59  | cps   |
| Barium     | 137-1 | 67       | 100      | 100      | 89       | 21.65  | cps   |
| Beryllium  | 9-1   | 11       | 28       | 6        | 15       | 78.05  | cps   |
| Bismuth    | 209-1 | 10845358 | 10929662 | 10871819 | 10882280 | 0.40   | cps   |
| Bismuth    | 209-2 | 6414832  | 6716431  | 6410759  | 6514008  | 2.69   | cps   |
| Boron      | 10-1  | 217      | 350      | 392      | 319      | 28.62  | cps   |
| Boron      | 11-1  | 1917     | 1692     | 1642     | 1750     | 8.37   | cps   |
| Cadmium    | 111-1 | 2283     | 2048     | 2098     | 2143     | 5.78   | cps   |
| Cadmium    | 106-1 | 3251     | 2900     | 3000     | 3050     | 5.91   | cps   |
| Cadmium    | 108-1 | 13       | 4        | 21       | 13       | 66.64  | cps   |
| Calcium    | 43-1  | 1050     | 1117     | 1000     | 1056     | 5.55   | cps   |
| Calcium    | 44-1  | 28771    | 28003    | 27744    | 28172    | 1.90   | cps   |
| Chromium   | 52-2  | 1643     | 1797     | 1740     | 1727     | 4.49   | cps   |
| Cobalt     | 59-2  | 140      | 130      | 153      | 141      | 8.30   | cps   |
| Copper     | 63-2  | 1503     | 1603     | 1480     | 1529     | 4.29   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 33       | 22       | 43.28  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 50       | 75       | 58       | 61       | 20.83  | cps   |
| Erbium     | 164-2 | 37       | 20       | 23       | 27       | 33.08  | cps   |
| Gadolinium | 160-1 | 142      | 83       | 150      | 125      | 29.06  | cps   |
| Gadolinium | 160-2 | 113      | 87       | 133      | 111      | 21.07  | cps   |
| Holmium    | 165-1 | 16562760 | 16412561 | 16371848 | 16449056 | 0.61   | cps   |
| Holmium    | 165-2 | 8561321  | 8582401  | 8625580  | 8589768  | 0.38   | cps   |
| Indium     | 115-1 | 12589278 | 12539342 | 12668728 | 12599116 | 0.52   | cps   |
| Indium     | 115-2 | 2637357  | 2639302  | 2639410  | 2638690  | 0.04   | cps   |
| Iron       | 56-2  | 8119     | 8025     | 7847     | 7997     | 1.73   | cps   |
| Iron       | 57-2  | 333      | 372      | 461      | 389      | 16.84  | cps   |
| Lead       | 206-1 | 7482056  | 7394471  | 7385239  | 7420589  | 0.72   | cps   |
| Lead       | 207-1 | 6402090  | 6404772  | 6698887  | 6501916  | 2.62   | cps   |
| Lead       | 208-1 | 29866577 | 29713319 | 29994043 | 29857980 | 0.47   | cps   |
| Lithium    | 6-1   | 1763339  | 1730620  | 1724601  | 1739520  | 1.20   | cps   |
| Magnesium  | 24-2  | 425      | 375      | 500      | 433      | 14.52  | cps   |
| Manganese  | 55-2  | 187      | 193      | 150      | 177      | 13.21  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV81               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:41:33 | DataFile Name :   | 189SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Molybdenum | 94-1  | 367      | 350      | 350      | 356      | 2.71     | cps   |
| Molybdenum | 95-1  | 142      | 100      | 133      | 125      | 17.63    | cps   |
| Molybdenum | 96-1  | 242      | 158      | 208      | 203      | 20.69    | cps   |
| Molybdenum | 97-1  | 150      | 192      | 167      | 169      | 12.37    | cps   |
| Molybdenum | 98-1  | 225      | 158      | 217      | 200      | 18.16    | cps   |
| Neodymium  | 150-1 | 7        | 7        | 13       | 9        | 43.25    | cps   |
| Neodymium  | 150-2 | 0        | 3        | 10       | 4        | 114.60   | cps   |
| Nickel     | 60-2  | 110      | 133      | 60       | 101      | 37.06    | cps   |
| Phosphorus | 31-2  | 200      | 217      | 308      | 242      | 24.14    | cps   |
| Potassium  | 39-2  | 43164    | 40949    | 41367    | 41827    | 2.81     | cps   |
| Rhodium    | 103-1 | 11877119 | 11967109 | 11877991 | 11907406 | 0.43     | cps   |
| Rhodium    | 103-2 | 5813493  | 5806047  | 5856155  | 5825232  | 0.46     | cps   |
| Scandium   | 45-1  | 7717240  | 7703870  | 7811271  | 7744127  | 0.76     | cps   |
| Scandium   | 45-2  | 411050   | 408160   | 408810   | 409340   | 0.37     | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60    | cps   |
| Selenium   | 78-2  | 93       | 81       | 113      | 96       | 16.69    | cps   |
| Selenium   | 82-1  | -45      | 70       | -29      | -1       | -4865.17 | cps   |
| Silicon    | 28-1  | 562213   | 567854   | 564699   | 564922   | 0.50     | cps   |
| Silver     | 109-1 | 83       | 100      | 67       | 83       | 20.00    | cps   |
| Silver     | 107-1 | 125      | 175      | 183      | 161      | 19.58    | cps   |
| Sodium     | 23-2  | 39779    | 39353    | 40339    | 39823    | 1.24     | cps   |
| Strontium  | 86-1  | 1517     | 1642     | 1717     | 1625     | 6.22     | cps   |
| Strontium  | 88-1  | 1283     | 1017     | 1058     | 1120     | 12.81    | cps   |
| Sulfur     | 34-1  | 437853   | 439120   | 436841   | 437938   | 0.26     | cps   |
| Terbium    | 159-1 | 16696448 | 16832038 | 16846443 | 16791643 | 0.49     | cps   |
| Terbium    | 159-2 | 8645645  | 8646034  | 8576782  | 8622820  | 0.46     | cps   |
| Thallium   | 203-1 | 433      | 400      | 442      | 425      | 5.19     | cps   |
| Thallium   | 205-1 | 1017     | 817      | 850      | 895      | 11.98    | cps   |
| Tin        | 118-1 | 1075     | 1083     | 958      | 1039     | 6.73     | cps   |
| Titanium   | 47-1  | 275      | 258      | 217      | 250      | 12.02    | cps   |
| Uranium    | 238-1 | 300      | 458      | 350      | 369      | 21.91    | cps   |
| Vanadium   | 51-2  | 20       | 60       | 37       | 39       | 51.66    | cps   |
| Yttrium    | 89-1  | 12957027 | 12741606 | 12769403 | 12822679 | 0.91     | cps   |
| Yttrium    | 89-2  | 2060575  | 2049948  | 2058954  | 2056492  | 0.28     | cps   |
| Zinc       | 66-2  | 437      | 493      | 500      | 477      | 7.30     | cps   |
| Zirconium  | 90-1  | 817      | 767      | 650      | 744      | 11.49    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV81               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:41:33 | DataFile Name :   | 189SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 158  | 192  | 181     | 10.66  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB81               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:44:59 | DataFile Name :   | 190SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 267      | 283      | 325      | 292      | 10.30  | cps   |
| Antimony   | 121-1 | 17       | 42       | 58       | 39       | 53.93  | cps   |
| Arsenic    | 75-2  | 7        | 6        | 4        | 6        | 33.38  | cps   |
| Barium     | 135-1 | 58       | 67       | 92       | 72       | 24.02  | cps   |
| Barium     | 137-1 | 150      | 108      | 100      | 119      | 22.43  | cps   |
| Beryllium  | 9-1   | 28       | 28       | 11       | 22       | 43.31  | cps   |
| Bismuth    | 209-1 | 10618920 | 10737403 | 10725804 | 10694042 | 0.61   | cps   |
| Bismuth    | 209-2 | 6298468  | 6280492  | 6308201  | 6295720  | 0.22   | cps   |
| Boron      | 10-1  | 242      | 258      | 250      | 250      | 3.33   | cps   |
| Boron      | 11-1  | 1292     | 1067     | 1117     | 1158     | 10.20  | cps   |
| Cadmium    | 111-1 | 2187     | 2187     | 2204     | 2193     | 0.43   | cps   |
| Cadmium    | 106-1 | 3125     | 3134     | 3142     | 3134     | 0.27   | cps   |
| Cadmium    | 108-1 | 13       | 21       | 0        | 11       | 94.37  | cps   |
| Calcium    | 43-1  | 1033     | 767      | 858      | 886      | 15.29  | cps   |
| Calcium    | 44-1  | 25339    | 24739    | 24379    | 24819    | 1.95   | cps   |
| Chromium   | 52-2  | 1643     | 1660     | 1637     | 1647     | 0.73   | cps   |
| Cobalt     | 59-2  | 80       | 63       | 103      | 82       | 24.44  | cps   |
| Copper     | 63-2  | 1513     | 1340     | 1317     | 1390     | 7.73   | cps   |
| Dysprosium | 156-1 | 8        | 8        | 0        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 13       | 7        | 8        | 65.47  | cps   |
| Erbium     | 164-1 | 58       | 75       | 33       | 56       | 37.75  | cps   |
| Erbium     | 164-2 | 10       | 10       | 27       | 16       | 61.87  | cps   |
| Gadolinium | 160-1 | 92       | 117      | 83       | 97       | 17.84  | cps   |
| Gadolinium | 160-2 | 110      | 110      | 117      | 112      | 3.43   | cps   |
| Holmium    | 165-1 | 16222907 | 16261789 | 16171811 | 16218836 | 0.28   | cps   |
| Holmium    | 165-2 | 8452500  | 8403016  | 8515439  | 8456985  | 0.67   | cps   |
| Indium     | 115-1 | 12373229 | 12424989 | 12439041 | 12412419 | 0.28   | cps   |
| Indium     | 115-2 | 2558789  | 2593846  | 2584318  | 2578984  | 0.70   | cps   |
| Iron       | 56-2  | 5496     | 5918     | 5623     | 5679     | 3.81   | cps   |
| Iron       | 57-2  | 267      | 333      | 233      | 278      | 18.33  | cps   |
| Lead       | 206-1 | 1283     | 1256     | 1250     | 1263     | 1.41   | cps   |
| Lead       | 207-1 | 1106     | 1039     | 933      | 1026     | 8.47   | cps   |
| Lead       | 208-1 | 4895     | 4673     | 4612     | 4726     | 3.16   | cps   |
| Lithium    | 6-1   | 1699994  | 1689822  | 1676982  | 1688933  | 0.68   | cps   |
| Magnesium  | 24-2  | 442      | 558      | 383      | 461      | 19.32  | cps   |
| Manganese  | 55-2  | 90       | 67       | 97       | 84       | 18.65  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB81               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:44:59 | DataFile Name :   | 190SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 225      | 275      | 300      | 267      | 14.32  | cps   |
| Molybdenum | 95-1  | 33       | 50       | 67       | 50       | 33.34  | cps   |
| Molybdenum | 96-1  | 92       | 50       | 75       | 72       | 29.04  | cps   |
| Molybdenum | 97-1  | 92       | 108      | 50       | 83       | 36.06  | cps   |
| Molybdenum | 98-1  | 17       | 17       | 33       | 22       | 43.28  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 87       | 80       | 93       | 87       | 7.70   | cps   |
| Phosphorus | 31-2  | 175      | 200      | 175      | 183      | 7.87   | cps   |
| Potassium  | 39-2  | 40289    | 40406    | 40448    | 40381    | 0.20   | cps   |
| Rhodium    | 103-1 | 11881761 | 11731588 | 11753298 | 11788882 | 0.69   | cps   |
| Rhodium    | 103-2 | 5687890  | 5685515  | 5681390  | 5684932  | 0.06   | cps   |
| Scandium   | 45-1  | 7706859  | 7705211  | 7712112  | 7708061  | 0.05   | cps   |
| Scandium   | 45-2  | 403049   | 401136   | 398836   | 401007   | 0.53   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 109      | 89       | 111      | 103      | 11.96  | cps   |
| Selenium   | 82-1  | 38       | -21      | 3        | 7        | 436.50 | cps   |
| Silicon    | 28-1  | 547989   | 546540   | 548679   | 547736   | 0.20   | cps   |
| Silver     | 109-1 | 92       | 25       | 75       | 64       | 54.31  | cps   |
| Silver     | 107-1 | 100      | 92       | 125      | 106      | 16.44  | cps   |
| Sodium     | 23-2  | 39010    | 38058    | 38258    | 38442    | 1.31   | cps   |
| Strontium  | 86-1  | 1759     | 1692     | 1792     | 1747     | 2.91   | cps   |
| Strontium  | 88-1  | 1834     | 2042     | 1742     | 1872     | 8.21   | cps   |
| Sulfur     | 34-1  | 431017   | 429578   | 432114   | 430903   | 0.30   | cps   |
| Terbium    | 159-1 | 16505557 | 16582565 | 16614999 | 16567707 | 0.34   | cps   |
| Terbium    | 159-2 | 8468754  | 8416583  | 8476532  | 8453956  | 0.39   | cps   |
| Thallium   | 203-1 | 258      | 242      | 258      | 253      | 3.81   | cps   |
| Thallium   | 205-1 | 700      | 717      | 600      | 672      | 9.39   | cps   |
| Tin        | 118-1 | 1258     | 1233     | 1508     | 1333     | 11.41  | cps   |
| Titanium   | 47-1  | 267      | 150      | 133      | 183      | 39.63  | cps   |
| Uranium    | 238-1 | 75       | 50       | 67       | 64       | 19.92  | cps   |
| Vanadium   | 51-2  | 23       | 17       | 7        | 16       | 53.90  | cps   |
| Yttrium    | 89-1  | 12481779 | 12646642 | 12598573 | 12575665 | 0.67   | cps   |
| Yttrium    | 89-2  | 2003268  | 2000633  | 2007304  | 2003735  | 0.17   | cps   |
| Zinc       | 66-2  | 133      | 150      | 143      | 142      | 5.90   | cps   |
| Zirconium  | 90-1  | 642      | 783      | 742      | 722      | 10.08  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB81               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB81               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:44:59 | DataFile Name :   | 190SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 108  | 83   | 97      | 13.09  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-31 Instrumnet Name : P7  
 Client Sample ID : DC25820-67-FL2-BRCL8 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:48:27 DataFile Name : 191SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1392     | 1275     | 1367     | 1345     | 4.57   | cps   |
| Antimony   | 121-1 | 2692     | 2650     | 2959     | 2767     | 6.05   | cps   |
| Arsenic    | 75-2  | 169      | 163      | 167      | 166      | 1.70   | cps   |
| Barium     | 135-1 | 75262    | 75112    | 73872    | 74749    | 1.02   | cps   |
| Barium     | 137-1 | 127985   | 128262   | 126412   | 127553   | 0.78   | cps   |
| Beryllium  | 9-1   | 6        | 28       | 39       | 24       | 70.49  | cps   |
| Bismuth    | 209-1 | 11184896 | 11284586 | 11159053 | 11209512 | 0.59   | cps   |
| Bismuth    | 209-2 | 6825300  | 6920819  | 6912532  | 6886217  | 0.77   | cps   |
| Boron      | 10-1  | 1625     | 1517     | 1417     | 1520     | 6.86   | cps   |
| Boron      | 11-1  | 7877     | 8144     | 8528     | 8183     | 4.00   | cps   |
| Cadmium    | 111-1 | 2304     | 2229     | 2246     | 2260     | 1.72   | cps   |
| Cadmium    | 106-1 | 3242     | 3067     | 3067     | 3125     | 3.23   | cps   |
| Cadmium    | 108-1 | 58       | 25       | 25       | 36       | 53.29  | cps   |
| Calcium    | 43-1  | 281158   | 279529   | 277139   | 279275   | 0.72   | cps   |
| Calcium    | 44-1  | 4707939  | 4621862  | 4602158  | 4643987  | 1.21   | cps   |
| Chromium   | 52-2  | 1630     | 1700     | 1640     | 1657     | 2.29   | cps   |
| Cobalt     | 59-2  | 453      | 510      | 483      | 482      | 5.88   | cps   |
| Copper     | 63-2  | 828637   | 824535   | 819990   | 824387   | 0.52   | cps   |
| Dysprosium | 156-1 | 33       | 75       | 83       | 64       | 41.93  | cps   |
| Dysprosium | 156-2 | 27       | 37       | 37       | 33       | 17.32  | cps   |
| Erbium     | 164-1 | 92       | 142      | 83       | 106      | 29.89  | cps   |
| Erbium     | 164-2 | 60       | 73       | 53       | 62       | 16.37  | cps   |
| Gadolinium | 160-1 | 158      | 100      | 142      | 133      | 22.54  | cps   |
| Gadolinium | 160-2 | 127      | 190      | 187      | 168      | 21.24  | cps   |
| Holmium    | 165-1 | 17185569 | 17121475 | 17026895 | 17111313 | 0.47   | cps   |
| Holmium    | 165-2 | 8932324  | 8944935  | 8881000  | 8919420  | 0.38   | cps   |
| Indium     | 115-1 | 13234122 | 13012131 | 12967610 | 13071288 | 1.09   | cps   |
| Indium     | 115-2 | 2691935  | 2704505  | 2694554  | 2696998  | 0.25   | cps   |
| Iron       | 56-2  | 105482   | 105327   | 104925   | 105245   | 0.27   | cps   |
| Iron       | 57-2  | 3345     | 3501     | 3112     | 3319     | 5.90   | cps   |
| Lead       | 206-1 | 95608    | 93443    | 92335    | 93795    | 1.77   | cps   |
| Lead       | 207-1 | 78359    | 76699    | 77509    | 77522    | 1.07   | cps   |
| Lead       | 208-1 | 365202   | 359816   | 356212   | 360410   | 1.26   | cps   |
| Lithium    | 6-1   | 1780887  | 1769690  | 1748576  | 1766384  | 0.93   | cps   |
| Magnesium  | 24-2  | 524921   | 523671   | 523965   | 524186   | 0.12   | cps   |
| Manganese  | 55-2  | 33097    | 32717    | 33081    | 32965    | 0.65   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-31             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-67-FL2-BRCL8 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:48:27  | DataFile Name :   | 191SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 783      | 583      | 450      | 606      | 27.71  | cps   |
| Molybdenum | 95-1  | 367      | 283      | 408      | 353      | 18.04  | cps   |
| Molybdenum | 96-1  | 492      | 358      | 492      | 447      | 17.21  | cps   |
| Molybdenum | 97-1  | 308      | 275      | 342      | 308      | 10.81  | cps   |
| Molybdenum | 98-1  | 525      | 567      | 475      | 522      | 8.79   | cps   |
| Neodymium  | 150-1 | 47       | 87       | 60       | 64       | 31.60  | cps   |
| Neodymium  | 150-2 | 20       | 23       | 20       | 21       | 9.11   | cps   |
| Nickel     | 60-2  | 5221     | 5271     | 5118     | 5203     | 1.50   | cps   |
| Phosphorus | 31-2  | 7035     | 6760     | 6593     | 6796     | 3.28   | cps   |
| Potassium  | 39-2  | 280896   | 276812   | 275862   | 277857   | 0.96   | cps   |
| Rhodium    | 103-1 | 12218311 | 12273159 | 12367833 | 12286435 | 0.62   | cps   |
| Rhodium    | 103-2 | 5915936  | 6082998  | 6061739  | 6020224  | 1.51   | cps   |
| Scandium   | 45-1  | 8142198  | 8085447  | 8043347  | 8090331  | 0.61   | cps   |
| Scandium   | 45-2  | 418177   | 415015   | 412338   | 415177   | 0.70   | cps   |
| Selenium   | 77-2  | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Selenium   | 78-2  | 93       | 117      | 120      | 110      | 13.73  | cps   |
| Selenium   | 82-1  | 130      | 23       | 9        | 54       | 122.16 | cps   |
| Silicon    | 28-1  | 9296926  | 9230010  | 9192946  | 9239961  | 0.57   | cps   |
| Silver     | 109-1 | 325      | 325      | 350      | 333      | 4.33   | cps   |
| Silver     | 107-1 | 408      | 392      | 467      | 422      | 9.33   | cps   |
| Sodium     | 23-2  | 8783674  | 8864307  | 8865471  | 8837817  | 0.53   | cps   |
| Strontium  | 86-1  | 102749   | 102488   | 101970   | 102402   | 0.39   | cps   |
| Strontium  | 88-1  | 910978   | 899136   | 901036   | 903717   | 0.70   | cps   |
| Sulfur     | 34-1  | 527624   | 519291   | 519833   | 522249   | 0.89   | cps   |
| Terbium    | 159-1 | 17729215 | 17489099 | 17478792 | 17565702 | 0.81   | cps   |
| Terbium    | 159-2 | 8880468  | 8862079  | 8923338  | 8888628  | 0.35   | cps   |
| Thallium   | 203-1 | 300      | 417      | 383      | 367      | 16.39  | cps   |
| Thallium   | 205-1 | 850      | 700      | 683      | 744      | 12.33  | cps   |
| Tin        | 118-1 | 792      | 700      | 692      | 728      | 7.62   | cps   |
| Titanium   | 47-1  | 867      | 1117     | 850      | 945      | 15.82  | cps   |
| Uranium    | 238-1 | 775      | 683      | 717      | 725      | 6.40   | cps   |
| Vanadium   | 51-2  | 380      | 407      | 360      | 382      | 6.13   | cps   |
| Yttrium    | 89-1  | 13248590 | 13304704 | 13233716 | 13262336 | 0.28   | cps   |
| Yttrium    | 89-2  | 2107252  | 2097531  | 2081366  | 2095383  | 0.62   | cps   |
| Zinc       | 66-2  | 258888   | 256400   | 256011   | 257100   | 0.61   | cps   |
| Zirconium  | 90-1  | 1367     | 1217     | 1250     | 1278     | 6.16   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-31             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-67-FL2-BRCL8 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:48:27  | DataFile Name :   | 191SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 325  | 192  | 264     | 25.52  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-68-FL2-BRCL8 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:51:52  | DataFile Name :   | 192SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1508     | 1442     | 1675     | 1542     | 7.80   | cps   |
| Antimony   | 121-1 | 1092     | 1175     | 1058     | 1108     | 5.42   | cps   |
| Arsenic    | 75-2  | 193      | 181      | 174      | 183      | 5.10   | cps   |
| Barium     | 135-1 | 73537    | 73210    | 71585    | 72777    | 1.44   | cps   |
| Barium     | 137-1 | 125824   | 125319   | 127632   | 126258   | 0.96   | cps   |
| Beryllium  | 9-1   | 28       | 17       | 39       | 28       | 39.99  | cps   |
| Bismuth    | 209-1 | 11204164 | 11108892 | 11156231 | 11156429 | 0.43   | cps   |
| Bismuth    | 209-2 | 6960859  | 6922296  | 6959373  | 6947509  | 0.31   | cps   |
| Boron      | 10-1  | 1600     | 1492     | 1583     | 1558     | 3.74   | cps   |
| Boron      | 11-1  | 7636     | 7569     | 8161     | 7788     | 4.16   | cps   |
| Cadmium    | 111-1 | 2216     | 2180     | 2055     | 2150     | 3.93   | cps   |
| Cadmium    | 106-1 | 3150     | 3084     | 2900     | 3045     | 4.25   | cps   |
| Cadmium    | 108-1 | 21       | 17       | 13       | 17       | 24.99  | cps   |
| Calcium    | 43-1  | 274317   | 284690   | 281246   | 280084   | 1.89   | cps   |
| Calcium    | 44-1  | 4586924  | 4723669  | 4661094  | 4657229  | 1.47   | cps   |
| Chromium   | 52-2  | 1720     | 1590     | 1667     | 1659     | 3.94   | cps   |
| Cobalt     | 59-2  | 257      | 197      | 213      | 222      | 13.94  | cps   |
| Copper     | 63-2  | 869209   | 863492   | 864763   | 865821   | 0.35   | cps   |
| Dysprosium | 156-1 | 75       | 42       | 58       | 58       | 28.57  | cps   |
| Dysprosium | 156-2 | 20       | 33       | 27       | 27       | 24.99  | cps   |
| Erbium     | 164-1 | 133      | 167      | 108      | 136      | 21.50  | cps   |
| Erbium     | 164-2 | 63       | 80       | 53       | 66       | 20.55  | cps   |
| Gadolinium | 160-1 | 283      | 133      | 150      | 189      | 43.52  | cps   |
| Gadolinium | 160-2 | 123      | 157      | 180      | 153      | 18.57  | cps   |
| Holmium    | 165-1 | 17138234 | 17014155 | 17031711 | 17061367 | 0.39   | cps   |
| Holmium    | 165-2 | 8972937  | 8870626  | 8949077  | 8930880  | 0.60   | cps   |
| Indium     | 115-1 | 13111423 | 13150345 | 12936019 | 13065929 | 0.87   | cps   |
| Indium     | 115-2 | 2692146  | 2702105  | 2717385  | 2703879  | 0.47   | cps   |
| Iron       | 56-2  | 89786    | 88498    | 92167    | 90150    | 2.06   | cps   |
| Iron       | 57-2  | 3045     | 3017     | 2889     | 2984     | 2.78   | cps   |
| Lead       | 206-1 | 16327    | 16538    | 16717    | 16527    | 1.18   | cps   |
| Lead       | 207-1 | 14208    | 13329    | 14097    | 13878    | 3.45   | cps   |
| Lead       | 208-1 | 64781    | 63260    | 64652    | 64231    | 1.31   | cps   |
| Lithium    | 6-1   | 1768932  | 1780088  | 1767833  | 1772284  | 0.38   | cps   |
| Magnesium  | 24-2  | 514084   | 519269   | 521479   | 518278   | 0.73   | cps   |
| Manganese  | 55-2  | 33866    | 33198    | 34133    | 33732    | 1.43   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-68-FL2-BRCL8 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:51:52  | DataFile Name :   | 192SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD    | Units |
|------------|-------|----------|----------|----------|----------|-----------|-------|
| Molybdenum | 94-1  | 608      | 517      | 575      | 567      | 8.19      | cps   |
| Molybdenum | 95-1  | 342      | 375      | 408      | 375      | 8.89      | cps   |
| Molybdenum | 96-1  | 492      | 467      | 500      | 486      | 3.57      | cps   |
| Molybdenum | 97-1  | 292      | 233      | 292      | 272      | 12.37     | cps   |
| Molybdenum | 98-1  | 508      | 608      | 517      | 544      | 10.19     | cps   |
| Neodymium  | 150-1 | 33       | 33       | 40       | 36       | 10.83     | cps   |
| Neodymium  | 150-2 | 20       | 37       | 27       | 28       | 30.20     | cps   |
| Nickel     | 60-2  | 963      | 947      | 970      | 960      | 1.25      | cps   |
| Phosphorus | 31-2  | 7702     | 7119     | 7561     | 7461     | 4.08      | cps   |
| Potassium  | 39-2  | 271608   | 274700   | 276239   | 274182   | 0.86      | cps   |
| Rhodium    | 103-1 | 12389302 | 12294774 | 12191571 | 12291882 | 0.80      | cps   |
| Rhodium    | 103-2 | 6107310  | 5956119  | 5977937  | 6013789  | 1.36      | cps   |
| Scandium   | 45-1  | 8124283  | 8011762  | 8214967  | 8117004  | 1.25      | cps   |
| Scandium   | 45-2  | 417141   | 416961   | 422338   | 418813   | 0.73      | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60     | cps   |
| Selenium   | 78-2  | 102      | 93       | 122      | 106      | 14.36     | cps   |
| Selenium   | 82-1  | 86       | -124     | 37       | -1       | -20238.51 | cps   |
| Silicon    | 28-1  | 9340363  | 9287916  | 9442001  | 9356760  | 0.84      | cps   |
| Silver     | 109-1 | 300      | 242      | 250      | 264      | 11.96     | cps   |
| Silver     | 107-1 | 350      | 300      | 267      | 306      | 13.73     | cps   |
| Sodium     | 23-2  | 8849568  | 8937321  | 8912163  | 8899684  | 0.51      | cps   |
| Strontium  | 86-1  | 104344   | 104286   | 102296   | 103642   | 1.13      | cps   |
| Strontium  | 88-1  | 901788   | 916355   | 900802   | 906315   | 0.96      | cps   |
| Sulfur     | 34-1  | 526658   | 523609   | 526249   | 525506   | 0.31      | cps   |
| Terbium    | 159-1 | 17700250 | 17571044 | 17539196 | 17603497 | 0.48      | cps   |
| Terbium    | 159-2 | 8890401  | 9003430  | 8889000  | 8927610  | 0.74      | cps   |
| Thallium   | 203-1 | 325      | 283      | 333      | 314      | 8.53      | cps   |
| Thallium   | 205-1 | 767      | 708      | 833      | 770      | 8.13      | cps   |
| Tin        | 118-1 | 742      | 700      | 608      | 683      | 9.98      | cps   |
| Titanium   | 47-1  | 908      | 1042     | 942      | 964      | 7.21      | cps   |
| Uranium    | 238-1 | 858      | 1075     | 958      | 964      | 11.25     | cps   |
| Vanadium   | 51-2  | 383      | 340      | 320      | 348      | 9.31      | cps   |
| Yttrium    | 89-1  | 13289918 | 13391574 | 13165129 | 13282207 | 0.85      | cps   |
| Yttrium    | 89-2  | 2088528  | 2098697  | 2117645  | 2101623  | 0.70      | cps   |
| Zinc       | 66-2  | 17504    | 17577    | 17554    | 17545    | 0.21      | cps   |
| Zirconium  | 90-1  | 1267     | 1100     | 1125     | 1164     | 7.72      | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-68-FL2-BRCL8 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:51:52  | DataFile Name :   | 192SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 375  | 267  | 242  | 294     | 24.07  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-33 Instrumnet Name : P7  
 Client Sample ID : DC25820-69-FL2-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:55:18 DataFile Name : 193SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2142     | 2042     | 2042     | 2075     | 2.78   | cps   |
| Antimony   | 121-1 | 950      | 1108     | 850      | 970      | 13.44  | cps   |
| Arsenic    | 75-2  | 152      | 143      | 137      | 144      | 5.20   | cps   |
| Barium     | 135-1 | 65237    | 66007    | 64944    | 65396    | 0.84   | cps   |
| Barium     | 137-1 | 116899   | 117511   | 115369   | 116593   | 0.95   | cps   |
| Beryllium  | 9-1   | 11       | 11       | 22       | 15       | 43.30  | cps   |
| Bismuth    | 209-1 | 11262650 | 11344882 | 11226053 | 11277862 | 0.54   | cps   |
| Bismuth    | 209-2 | 6987708  | 7020949  | 6999661  | 7002773  | 0.24   | cps   |
| Boron      | 10-1  | 3142     | 3492     | 3267     | 3300     | 5.38   | cps   |
| Boron      | 11-1  | 16284    | 16827    | 17102    | 16738    | 2.49   | cps   |
| Cadmium    | 111-1 | 2426     | 2544     | 2472     | 2481     | 2.40   | cps   |
| Cadmium    | 106-1 | 3367     | 3526     | 3417     | 3437     | 2.36   | cps   |
| Cadmium    | 108-1 | 21       | 17       | 17       | 18       | 13.30  | cps   |
| Calcium    | 43-1  | 275655   | 275880   | 271867   | 274467   | 0.82   | cps   |
| Calcium    | 44-1  | 4616119  | 4547198  | 4481848  | 4548389  | 1.48   | cps   |
| Chromium   | 52-2  | 1717     | 1697     | 1797     | 1737     | 3.05   | cps   |
| Cobalt     | 59-2  | 2294     | 2280     | 2310     | 2295     | 0.66   | cps   |
| Copper     | 63-2  | 1759464  | 1755678  | 1753786  | 1756309  | 0.16   | cps   |
| Dysprosium | 156-1 | 67       | 83       | 75       | 75       | 11.11  | cps   |
| Dysprosium | 156-2 | 30       | 37       | 27       | 31       | 16.37  | cps   |
| Erbium     | 164-1 | 133      | 125      | 142      | 133      | 6.25   | cps   |
| Erbium     | 164-2 | 40       | 43       | 40       | 41       | 4.68   | cps   |
| Gadolinium | 160-1 | 208      | 192      | 100      | 167      | 35.00  | cps   |
| Gadolinium | 160-2 | 140      | 167      | 163      | 157      | 9.28   | cps   |
| Holmium    | 165-1 | 17208535 | 17284190 | 17172032 | 17221586 | 0.33   | cps   |
| Holmium    | 165-2 | 8872837  | 8969393  | 9011055  | 8951095  | 0.79   | cps   |
| Indium     | 115-1 | 13168027 | 13251191 | 13318682 | 13245967 | 0.57   | cps   |
| Indium     | 115-2 | 2745430  | 2717752  | 2722673  | 2728619  | 0.54   | cps   |
| Iron       | 56-2  | 945629   | 966899   | 949448   | 953992   | 1.19   | cps   |
| Iron       | 57-2  | 24833    | 24683    | 24070    | 24528    | 1.65   | cps   |
| Lead       | 206-1 | 15621    | 15771    | 15209    | 15534    | 1.87   | cps   |
| Lead       | 207-1 | 12501    | 12762    | 12962    | 12742    | 1.82   | cps   |
| Lead       | 208-1 | 59826    | 59764    | 59175    | 59589    | 0.60   | cps   |
| Lithium    | 6-1   | 1812523  | 1827913  | 1805527  | 1815321  | 0.63   | cps   |
| Magnesium  | 24-2  | 652138   | 654303   | 646257   | 650899   | 0.64   | cps   |
| Manganese  | 55-2  | 79496    | 79952    | 80083    | 79844    | 0.39   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-33 Instrumnet Name : P7  
 Client Sample ID : DC25820-69-FL2-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:55:18 DataFile Name : 193SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 550      | 600      | 575      | 575      | 4.35   | cps   |
| Molybdenum | 95-1  | 242      | 325      | 283      | 283      | 14.71  | cps   |
| Molybdenum | 96-1  | 483      | 467      | 558      | 503      | 9.71   | cps   |
| Molybdenum | 97-1  | 200      | 200      | 217      | 206      | 4.68   | cps   |
| Molybdenum | 98-1  | 383      | 425      | 492      | 433      | 12.61  | cps   |
| Neodymium  | 150-1 | 47       | 67       | 53       | 56       | 18.33  | cps   |
| Neodymium  | 150-2 | 30       | 23       | 30       | 28       | 13.86  | cps   |
| Nickel     | 60-2  | 5638     | 5771     | 5558     | 5656     | 1.91   | cps   |
| Phosphorus | 31-2  | 5835     | 5593     | 5893     | 5774     | 2.76   | cps   |
| Potassium  | 39-2  | 277583   | 275234   | 274267   | 275695   | 0.62   | cps   |
| Rhodium    | 103-1 | 12362908 | 12423248 | 12386802 | 12390986 | 0.25   | cps   |
| Rhodium    | 103-2 | 6138701  | 6215830  | 6193437  | 6182656  | 0.64   | cps   |
| Scandium   | 45-1  | 8221627  | 8124199  | 8167240  | 8171022  | 0.60   | cps   |
| Scandium   | 45-2  | 425767   | 422978   | 421951   | 423566   | 0.47   | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 81       | 124      | 131      | 112      | 24.02  | cps   |
| Selenium   | 82-1  | 85       | 130      | 184      | 133      | 37.14  | cps   |
| Silicon    | 28-1  | 10040627 | 9858125  | 10328286 | 10075680 | 2.35   | cps   |
| Silver     | 109-1 | 217      | 317      | 250      | 261      | 19.50  | cps   |
| Silver     | 107-1 | 300      | 283      | 292      | 292      | 2.86   | cps   |
| Sodium     | 23-2  | 8649663  | 8679216  | 8628261  | 8652380  | 0.30   | cps   |
| Strontium  | 86-1  | 102188   | 100953   | 100501   | 101214   | 0.86   | cps   |
| Strontium  | 88-1  | 878064   | 878745   | 867870   | 874893   | 0.70   | cps   |
| Sulfur     | 34-1  | 539898   | 537607   | 535047   | 537517   | 0.45   | cps   |
| Terbium    | 159-1 | 17604031 | 17695577 | 17652273 | 17650627 | 0.26   | cps   |
| Terbium    | 159-2 | 9144263  | 8963330  | 9057240  | 9054944  | 1.00   | cps   |
| Thallium   | 203-1 | 383      | 358      | 392      | 378      | 4.59   | cps   |
| Thallium   | 205-1 | 892      | 833      | 875      | 867      | 3.47   | cps   |
| Tin        | 118-1 | 1458     | 1583     | 1575     | 1539     | 4.54   | cps   |
| Titanium   | 47-1  | 733      | 983      | 942      | 886      | 15.12  | cps   |
| Uranium    | 238-1 | 667      | 858      | 717      | 747      | 13.31  | cps   |
| Vanadium   | 51-2  | 270      | 250      | 293      | 271      | 8.00   | cps   |
| Yttrium    | 89-1  | 13417019 | 13462091 | 13367519 | 13415543 | 0.35   | cps   |
| Yttrium    | 89-2  | 2128892  | 2124391  | 2133817  | 2129033  | 0.22   | cps   |
| Zinc       | 66-2  | 174104   | 174866   | 172515   | 173828   | 0.69   | cps   |
| Zirconium  | 90-1  | 1200     | 1283     | 1158     | 1214     | 5.24   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-69-FL2-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:55:18  | DataFile Name :   | 193SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 267  | 175  | 206     | 25.75  | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-34 Instrumnet Name : P7  
 Client Sample ID : DC25820-70-FL2-BRS-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 02:58:43 DataFile Name : 194SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2209     | 2309     | 2067     | 2195     | 5.53   | cps   |
| Antimony   | 121-1 | 833      | 867      | 733      | 811      | 8.55   | cps   |
| Arsenic    | 75-2  | 161      | 133      | 170      | 155      | 12.44  | cps   |
| Barium     | 135-1 | 67338    | 67431    | 67799    | 67523    | 0.36   | cps   |
| Barium     | 137-1 | 118444   | 116066   | 116166   | 116892   | 1.15   | cps   |
| Beryllium  | 9-1   | 11       | 11       | 56       | 26       | 98.98  | cps   |
| Bismuth    | 209-1 | 11371319 | 11227507 | 11473701 | 11357509 | 1.09   | cps   |
| Bismuth    | 209-2 | 6739204  | 6802648  | 6900928  | 6814260  | 1.20   | cps   |
| Boron      | 10-1  | 3417     | 3592     | 3842     | 3617     | 5.91   | cps   |
| Boron      | 11-1  | 17844    | 17861    | 19138    | 18281    | 4.06   | cps   |
| Cadmium    | 111-1 | 2342     | 2381     | 2335     | 2353     | 1.05   | cps   |
| Cadmium    | 106-1 | 3309     | 3409     | 3276     | 3331     | 2.08   | cps   |
| Cadmium    | 108-1 | 17       | 25       | 17       | 19       | 24.73  | cps   |
| Calcium    | 43-1  | 277366   | 275159   | 271112   | 274545   | 1.16   | cps   |
| Calcium    | 44-1  | 4637500  | 4554468  | 4516998  | 4569655  | 1.35   | cps   |
| Chromium   | 52-2  | 1987     | 1950     | 1987     | 1975     | 1.07   | cps   |
| Cobalt     | 59-2  | 2484     | 2454     | 2377     | 2438     | 2.26   | cps   |
| Copper     | 63-2  | 1731566  | 1736081  | 1721763  | 1729803  | 0.42   | cps   |
| Dysprosium | 156-1 | 75       | 67       | 100      | 81       | 21.54  | cps   |
| Dysprosium | 156-2 | 40       | 40       | 53       | 44       | 17.32  | cps   |
| Erbium     | 164-1 | 133      | 133      | 133      | 133      | 0.00   | cps   |
| Erbium     | 164-2 | 80       | 43       | 57       | 60       | 30.93  | cps   |
| Gadolinium | 160-1 | 200      | 283      | 167      | 217      | 27.74  | cps   |
| Gadolinium | 160-2 | 123      | 167      | 163      | 151      | 15.96  | cps   |
| Holmium    | 165-1 | 17365986 | 17233354 | 17322108 | 17307149 | 0.39   | cps   |
| Holmium    | 165-2 | 8788101  | 8961472  | 8951167  | 8900247  | 1.09   | cps   |
| Indium     | 115-1 | 13178144 | 13224702 | 13252520 | 13218455 | 0.28   | cps   |
| Indium     | 115-2 | 2620521  | 2719936  | 2710086  | 2683515  | 2.04   | cps   |
| Iron       | 56-2  | 1106197  | 1095191  | 1096277  | 1099222  | 0.55   | cps   |
| Iron       | 57-2  | 28439    | 28573    | 27571    | 28194    | 1.93   | cps   |
| Lead       | 206-1 | 5585     | 5312     | 5285     | 5394     | 3.08   | cps   |
| Lead       | 207-1 | 4551     | 4362     | 4823     | 4579     | 5.07   | cps   |
| Lead       | 208-1 | 21229    | 20523    | 21157    | 20970    | 1.85   | cps   |
| Lithium    | 6-1   | 1798787  | 1798531  | 1793884  | 1797067  | 0.15   | cps   |
| Magnesium  | 24-2  | 662929   | 659862   | 649451   | 657414   | 1.07   | cps   |
| Manganese  | 55-2  | 86797    | 86298    | 85892    | 86329    | 0.53   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-70-FL2-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:58:43  | DataFile Name :   | 194SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 442      | 625      | 475      | 514      | 19.00  | cps   |
| Molybdenum | 95-1  | 417      | 392      | 200      | 336      | 35.27  | cps   |
| Molybdenum | 96-1  | 442      | 308      | 358      | 369      | 18.23  | cps   |
| Molybdenum | 97-1  | 192      | 308      | 217      | 239      | 25.71  | cps   |
| Molybdenum | 98-1  | 408      | 525      | 442      | 458      | 13.11  | cps   |
| Neodymium  | 150-1 | 60       | 87       | 93       | 80       | 22.05  | cps   |
| Neodymium  | 150-2 | 30       | 43       | 20       | 31       | 37.62  | cps   |
| Nickel     | 60-2  | 2317     | 2307     | 2424     | 2349     | 2.75   | cps   |
| Phosphorus | 31-2  | 5960     | 5826     | 5835     | 5874     | 1.27   | cps   |
| Potassium  | 39-2  | 273240   | 274451   | 273689   | 273793   | 0.22   | cps   |
| Rhodium    | 103-1 | 12388126 | 12424130 | 12456311 | 12422856 | 0.27   | cps   |
| Rhodium    | 103-2 | 6008657  | 6152052  | 6131072  | 6097260  | 1.27   | cps   |
| Scandium   | 45-1  | 8232457  | 8225307  | 8267797  | 8241854  | 0.28   | cps   |
| Scandium   | 45-2  | 401345   | 414971   | 415181   | 410499   | 1.93   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 104      | 115      | 106      | 108      | 5.51   | cps   |
| Selenium   | 82-1  | -1       | 58       | 205      | 87       | 121.08 | cps   |
| Silicon    | 28-1  | 10120356 | 9878979  | 9906611  | 9968649  | 1.33   | cps   |
| Silver     | 109-1 | 183      | 208      | 167      | 186      | 11.27  | cps   |
| Silver     | 107-1 | 242      | 217      | 217      | 225      | 6.41   | cps   |
| Sodium     | 23-2  | 8695914  | 8585058  | 8501686  | 8594219  | 1.13   | cps   |
| Strontium  | 86-1  | 100586   | 99704    | 100568   | 100286   | 0.50   | cps   |
| Strontium  | 88-1  | 876569   | 875716   | 869415   | 873900   | 0.45   | cps   |
| Sulfur     | 34-1  | 540928   | 540653   | 541638   | 541073   | 0.09   | cps   |
| Terbium    | 159-1 | 17817513 | 17773977 | 17694781 | 17762090 | 0.35   | cps   |
| Terbium    | 159-2 | 8720334  | 8869959  | 8908645  | 8832980  | 1.13   | cps   |
| Thallium   | 203-1 | 325      | 300      | 367      | 331      | 10.19  | cps   |
| Thallium   | 205-1 | 850      | 975      | 933      | 920      | 6.92   | cps   |
| Tin        | 118-1 | 908      | 725      | 708      | 781      | 14.22  | cps   |
| Titanium   | 47-1  | 908      | 775      | 908      | 864      | 8.91   | cps   |
| Uranium    | 238-1 | 658      | 683      | 575      | 639      | 8.88   | cps   |
| Vanadium   | 51-2  | 250      | 270      | 257      | 259      | 3.93   | cps   |
| Yttrium    | 89-1  | 13431589 | 13417548 | 13400431 | 13416523 | 0.12   | cps   |
| Yttrium    | 89-2  | 2066107  | 2125335  | 2097913  | 2096452  | 1.41   | cps   |
| Zinc       | 66-2  | 14764    | 14948    | 14781    | 14831    | 0.68   | cps   |
| Zirconium  | 90-1  | 1075     | 1208     | 1242     | 1175     | 7.51   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-70-FL2-BRS-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 02:58:43  | DataFile Name :   | 194SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 283  | 350  | 300     | 14.70  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-35 Instrumnet Name : P7  
 Client Sample ID : DC25820-71-FL2-ER-W4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 03:02:09 DataFile Name : 195SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2659     | 2667     | 3017     | 2781     | 7.36   | cps   |
| Antimony   | 121-1 | 1033     | 758      | 917      | 903      | 15.29  | cps   |
| Arsenic    | 75-2  | 163      | 159      | 167      | 163      | 2.27   | cps   |
| Barium     | 135-1 | 66309    | 66116    | 67004    | 66476    | 0.70   | cps   |
| Barium     | 137-1 | 116050   | 117006   | 115544   | 116200   | 0.64   | cps   |
| Beryllium  | 9-1   | 17       | 33       | 28       | 26       | 32.72  | cps   |
| Bismuth    | 209-1 | 11475714 | 11268997 | 11256707 | 11333806 | 1.09   | cps   |
| Bismuth    | 209-2 | 6974893  | 6911398  | 6909090  | 6931793  | 0.54   | cps   |
| Boron      | 10-1  | 3184     | 3526     | 3526     | 3412     | 5.78   | cps   |
| Boron      | 11-1  | 17102    | 18120    | 18204    | 17808    | 3.44   | cps   |
| Cadmium    | 111-1 | 2454     | 2586     | 2519     | 2520     | 2.61   | cps   |
| Cadmium    | 106-1 | 3367     | 3592     | 3434     | 3464     | 3.34   | cps   |
| Cadmium    | 108-1 | 46       | 71       | 38       | 51       | 33.76  | cps   |
| Calcium    | 43-1  | 274371   | 275199   | 275275   | 274948   | 0.18   | cps   |
| Calcium    | 44-1  | 4574041  | 4543730  | 4514323  | 4544031  | 0.66   | cps   |
| Chromium   | 52-2  | 1900     | 1740     | 1750     | 1797     | 4.99   | cps   |
| Cobalt     | 59-2  | 3034     | 3000     | 3034     | 3023     | 0.64   | cps   |
| Copper     | 63-2  | 2024174  | 2036093  | 2025152  | 2028473  | 0.33   | cps   |
| Dysprosium | 156-1 | 50       | 58       | 117      | 75       | 48.43  | cps   |
| Dysprosium | 156-2 | 60       | 60       | 67       | 62       | 6.19   | cps   |
| Erbium     | 164-1 | 150      | 217      | 108      | 158      | 34.51  | cps   |
| Erbium     | 164-2 | 77       | 93       | 60       | 77       | 21.74  | cps   |
| Gadolinium | 160-1 | 200      | 208      | 150      | 186      | 16.95  | cps   |
| Gadolinium | 160-2 | 220      | 210      | 170      | 200      | 13.23  | cps   |
| Holmium    | 165-1 | 17374472 | 17257992 | 17234644 | 17289036 | 0.43   | cps   |
| Holmium    | 165-2 | 8971092  | 8950913  | 8925352  | 8949119  | 0.26   | cps   |
| Indium     | 115-1 | 13208749 | 13253033 | 13045577 | 13169120 | 0.83   | cps   |
| Indium     | 115-2 | 2707676  | 2724522  | 2700088  | 2710762  | 0.46   | cps   |
| Iron       | 56-2  | 1054393  | 1055047  | 1048082  | 1052507  | 0.37   | cps   |
| Iron       | 57-2  | 26524    | 26658    | 26653    | 26612    | 0.28   | cps   |
| Lead       | 206-1 | 69414    | 68526    | 68716    | 68885    | 0.68   | cps   |
| Lead       | 207-1 | 57926    | 57927    | 57781    | 57878    | 0.15   | cps   |
| Lead       | 208-1 | 270123   | 267271   | 267758   | 268384   | 0.57   | cps   |
| Lithium    | 6-1   | 1824085  | 1808125  | 1805054  | 1812421  | 0.56   | cps   |
| Magnesium  | 24-2  | 638132   | 640411   | 643055   | 640533   | 0.38   | cps   |
| Manganese  | 55-2  | 111035   | 111159   | 110619   | 110937   | 0.26   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-35             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-71-FL2-ER-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:02:09  | DataFile Name :   | 195SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 575      | 683      | 600      | 619      | 9.16   | cps   |
| Molybdenum | 95-1  | 383      | 283      | 258      | 308      | 21.45  | cps   |
| Molybdenum | 96-1  | 408      | 475      | 325      | 403      | 18.66  | cps   |
| Molybdenum | 97-1  | 250      | 200      | 308      | 253      | 21.45  | cps   |
| Molybdenum | 98-1  | 483      | 392      | 458      | 444      | 10.66  | cps   |
| Neodymium  | 150-1 | 93       | 100      | 87       | 93       | 7.15   | cps   |
| Neodymium  | 150-2 | 57       | 60       | 60       | 59       | 3.26   | cps   |
| Nickel     | 60-2  | 11431    | 11918    | 11218    | 11522    | 3.12   | cps   |
| Phosphorus | 31-2  | 5768     | 5785     | 5518     | 5690     | 2.63   | cps   |
| Potassium  | 39-2  | 275854   | 278757   | 274366   | 276326   | 0.81   | cps   |
| Rhodium    | 103-1 | 12354799 | 12423059 | 12283977 | 12353945 | 0.56   | cps   |
| Rhodium    | 103-2 | 6130535  | 6127651  | 6111933  | 6123373  | 0.16   | cps   |
| Scandium   | 45-1  | 8238344  | 8219129  | 8166940  | 8208138  | 0.45   | cps   |
| Scandium   | 45-2  | 420949   | 422281   | 421192   | 421474   | 0.17   | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 98       | 93       | 124      | 105      | 16.02  | cps   |
| Selenium   | 82-1  | -50      | 75       | -1       | 8        | 766.77 | cps   |
| Silicon    | 28-1  | 10048674 | 9839842  | 9824729  | 9904415  | 1.26   | cps   |
| Silver     | 109-1 | 1133     | 1250     | 1267     | 1217     | 5.97   | cps   |
| Silver     | 107-1 | 1408     | 1283     | 1192     | 1295     | 8.40   | cps   |
| Sodium     | 23-2  | 8508194  | 8487300  | 8574817  | 8523437  | 0.54   | cps   |
| Strontium  | 86-1  | 98780    | 100785   | 100081   | 99882    | 1.02   | cps   |
| Strontium  | 88-1  | 880967   | 882549   | 864939   | 876152   | 1.11   | cps   |
| Sulfur     | 34-1  | 546499   | 542375   | 538829   | 542568   | 0.71   | cps   |
| Terbium    | 159-1 | 17808919 | 17709518 | 17378353 | 17632263 | 1.28   | cps   |
| Terbium    | 159-2 | 9000314  | 8870095  | 9017173  | 8962527  | 0.90   | cps   |
| Thallium   | 203-1 | 308      | 525      | 450      | 428      | 25.72  | cps   |
| Thallium   | 205-1 | 858      | 892      | 833      | 861      | 3.40   | cps   |
| Tin        | 118-1 | 4668     | 4551     | 4376     | 4531     | 3.24   | cps   |
| Titanium   | 47-1  | 1242     | 1242     | 1275     | 1253     | 1.54   | cps   |
| Uranium    | 238-1 | 642      | 550      | 825      | 672      | 20.83  | cps   |
| Vanadium   | 51-2  | 313      | 320      | 323      | 319      | 1.60   | cps   |
| Yttrium    | 89-1  | 13553957 | 13381432 | 13288654 | 13408015 | 1.00   | cps   |
| Yttrium    | 89-2  | 2105157  | 2106320  | 2116961  | 2109480  | 0.31   | cps   |
| Zinc       | 66-2  | 253578   | 252801   | 253365   | 253248   | 0.16   | cps   |
| Zirconium  | 90-1  | 1300     | 1308     | 1650     | 1420     | 14.07  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-35             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-71-FL2-ER-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:02:09  | DataFile Name :   | 195SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 342  | 300  | 303     | 12.41  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-36             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-72-FL2-ER-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:05:34  | DataFile Name :   | 196SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1533     | 1500     | 1583     | 1539     | 2.73   | cps   |
| Antimony   | 121-1 | 925      | 883      | 883      | 897      | 2.68   | cps   |
| Arsenic    | 75-2  | 172      | 143      | 113      | 143      | 20.78  | cps   |
| Barium     | 135-1 | 63262    | 63337    | 62734    | 63111    | 0.52   | cps   |
| Barium     | 137-1 | 110747   | 107591   | 109421   | 109253   | 1.45   | cps   |
| Beryllium  | 9-1   | 22       | 28       | 11       | 20       | 41.67  | cps   |
| Bismuth    | 209-1 | 11350145 | 11165865 | 11137427 | 11217812 | 1.03   | cps   |
| Bismuth    | 209-2 | 6595241  | 6829795  | 6832979  | 6752672  | 2.02   | cps   |
| Boron      | 10-1  | 3384     | 3467     | 3417     | 3423     | 1.23   | cps   |
| Boron      | 11-1  | 17127    | 16451    | 17169    | 16916    | 2.38   | cps   |
| Cadmium    | 111-1 | 2350     | 2289     | 2204     | 2281     | 3.21   | cps   |
| Cadmium    | 106-1 | 3326     | 3259     | 3117     | 3234     | 3.29   | cps   |
| Cadmium    | 108-1 | 4        | 25       | 4        | 11       | 108.21 | cps   |
| Calcium    | 43-1  | 276167   | 273994   | 275820   | 275327   | 0.42   | cps   |
| Calcium    | 44-1  | 4580365  | 4539533  | 4536688  | 4552196  | 0.54   | cps   |
| Chromium   | 52-2  | 1603     | 1627     | 1683     | 1638     | 2.51   | cps   |
| Cobalt     | 59-2  | 2094     | 2287     | 2220     | 2200     | 4.46   | cps   |
| Copper     | 63-2  | 1782583  | 1795157  | 1778727  | 1785489  | 0.48   | cps   |
| Dysprosium | 156-1 | 58       | 58       | 75       | 64       | 15.05  | cps   |
| Dysprosium | 156-2 | 23       | 20       | 33       | 26       | 27.15  | cps   |
| Erbium     | 164-1 | 117      | 100      | 75       | 97       | 21.57  | cps   |
| Erbium     | 164-2 | 67       | 63       | 57       | 62       | 8.18   | cps   |
| Gadolinium | 160-1 | 142      | 117      | 175      | 144      | 20.26  | cps   |
| Gadolinium | 160-2 | 150      | 140      | 167      | 152      | 8.85   | cps   |
| Holmium    | 165-1 | 17213261 | 17175995 | 17350653 | 17246636 | 0.53   | cps   |
| Holmium    | 165-2 | 8931461  | 8893320  | 8827895  | 8884225  | 0.59   | cps   |
| Indium     | 115-1 | 13292913 | 13074753 | 13002643 | 13123436 | 1.15   | cps   |
| Indium     | 115-2 | 2698758  | 2717473  | 2705831  | 2707354  | 0.35   | cps   |
| Iron       | 56-2  | 911455   | 903463   | 914855   | 909924   | 0.64   | cps   |
| Iron       | 57-2  | 23948    | 23302    | 23202    | 23484    | 1.72   | cps   |
| Lead       | 206-1 | 7502     | 7819     | 7602     | 7641     | 2.12   | cps   |
| Lead       | 207-1 | 6524     | 6513     | 6452     | 6496     | 0.60   | cps   |
| Lead       | 208-1 | 30704    | 30949    | 29697    | 30450    | 2.18   | cps   |
| Lithium    | 6-1   | 1788467  | 1802606  | 1793459  | 1794844  | 0.40   | cps   |
| Magnesium  | 24-2  | 661573   | 652805   | 653761   | 656046   | 0.73   | cps   |
| Manganese  | 55-2  | 76008    | 74421    | 75747    | 75392    | 1.13   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-36             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-72-FL2-ER-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:05:34  | DataFile Name :   | 196SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 542      | 667      | 617      | 608      | 10.34  | cps   |
| Molybdenum | 95-1  | 342      | 242      | 383      | 322      | 22.60  | cps   |
| Molybdenum | 96-1  | 433      | 458      | 300      | 397      | 21.43  | cps   |
| Molybdenum | 97-1  | 275      | 308      | 283      | 289      | 6.01   | cps   |
| Molybdenum | 98-1  | 450      | 458      | 567      | 492      | 13.24  | cps   |
| Neodymium  | 150-1 | 73       | 53       | 47       | 58       | 24.02  | cps   |
| Neodymium  | 150-2 | 23       | 13       | 17       | 18       | 28.64  | cps   |
| Nickel     | 60-2  | 2710     | 2690     | 2714     | 2705     | 0.47   | cps   |
| Phosphorus | 31-2  | 5476     | 5601     | 5693     | 5590     | 1.95   | cps   |
| Potassium  | 39-2  | 271743   | 270345   | 267895   | 269995   | 0.72   | cps   |
| Rhodium    | 103-1 | 12368400 | 12297179 | 12261133 | 12308904 | 0.44   | cps   |
| Rhodium    | 103-2 | 6124188  | 6114750  | 5941706  | 6060215  | 1.70   | cps   |
| Scandium   | 45-1  | 8248142  | 8118538  | 8074566  | 8147082  | 1.11   | cps   |
| Scandium   | 45-2  | 417330   | 416518   | 415688   | 416512   | 0.20   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 98       | 98       | 100      | 99       | 1.08   | cps   |
| Selenium   | 82-1  | 109      | 67       | -21      | 52       | 127.47 | cps   |
| Silicon    | 28-1  | 9533782  | 9452256  | 9467252  | 9484430  | 0.46   | cps   |
| Silver     | 109-1 | 175      | 217      | 167      | 186      | 14.39  | cps   |
| Silver     | 107-1 | 283      | 233      | 258      | 258      | 9.68   | cps   |
| Sodium     | 23-2  | 8627215  | 8514121  | 8536481  | 8559272  | 0.70   | cps   |
| Strontium  | 86-1  | 99980    | 100214   | 98318    | 99504    | 1.04   | cps   |
| Strontium  | 88-1  | 859414   | 868391   | 860990   | 862932   | 0.56   | cps   |
| Sulfur     | 34-1  | 539559   | 539492   | 536881   | 538644   | 0.28   | cps   |
| Terbium    | 159-1 | 17819071 | 17692396 | 17500753 | 17670740 | 0.91   | cps   |
| Terbium    | 159-2 | 8917761  | 8905672  | 8974936  | 8932790  | 0.41   | cps   |
| Thallium   | 203-1 | 375      | 367      | 417      | 386      | 6.94   | cps   |
| Thallium   | 205-1 | 758      | 858      | 975      | 864      | 12.55  | cps   |
| Tin        | 118-1 | 1050     | 1017     | 1042     | 1036     | 1.67   | cps   |
| Titanium   | 47-1  | 883      | 908      | 725      | 839      | 11.85  | cps   |
| Uranium    | 238-1 | 825      | 675      | 733      | 745      | 10.17  | cps   |
| Vanadium   | 51-2  | 267      | 217      | 253      | 246      | 10.54  | cps   |
| Yttrium    | 89-1  | 13357701 | 13264795 | 13107174 | 13243223 | 0.96   | cps   |
| Yttrium    | 89-2  | 2109418  | 2100150  | 2099684  | 2103084  | 0.26   | cps   |
| Zinc       | 66-2  | 17491    | 17160    | 17254    | 17302    | 0.98   | cps   |
| Zirconium  | 90-1  | 1100     | 1292     | 1050     | 1147     | 11.12  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89354              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-36             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-72-FL2-ER-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:05:34  | DataFile Name :   | 196SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 292  | 242  | 242     | 20.69  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-37 Instrumnet Name : P7  
 Client Sample ID : DC25820-73-FL2-BROP( Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 03:09:00 DataFile Name : 197SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1383     | 1233     | 1208     | 1275     | 7.42   | cps   |
| Antimony   | 121-1 | 2467     | 2309     | 2259     | 2345     | 4.64   | cps   |
| Arsenic    | 75-2  | 172      | 137      | 165      | 158      | 11.74  | cps   |
| Barium     | 135-1 | 65915    | 65932    | 66434    | 66094    | 0.45   | cps   |
| Barium     | 137-1 | 118409   | 116696   | 118385   | 117830   | 0.83   | cps   |
| Beryllium  | 9-1   | 28       | 39       | 17       | 28       | 39.99  | cps   |
| Bismuth    | 209-1 | 11449991 | 11204129 | 11285158 | 11313092 | 1.11   | cps   |
| Bismuth    | 209-2 | 7097959  | 6943280  | 6927026  | 6989422  | 1.35   | cps   |
| Boron      | 10-1  | 2875     | 3125     | 2817     | 2939     | 5.57   | cps   |
| Boron      | 11-1  | 15475    | 15492    | 14816    | 15261    | 2.52   | cps   |
| Cadmium    | 111-1 | 2937     | 2762     | 2904     | 2868     | 3.24   | cps   |
| Cadmium    | 106-1 | 3634     | 3376     | 3484     | 3498     | 3.71   | cps   |
| Cadmium    | 108-1 | 117      | 108      | 92       | 106      | 12.06  | cps   |
| Calcium    | 43-1  | 275200   | 276930   | 275582   | 275904   | 0.33   | cps   |
| Calcium    | 44-1  | 4547753  | 4574185  | 4527283  | 4549740  | 0.52   | cps   |
| Chromium   | 52-2  | 1500     | 1697     | 1547     | 1581     | 6.50   | cps   |
| Cobalt     | 59-2  | 1580     | 1747     | 1697     | 1675     | 5.11   | cps   |
| Copper     | 63-2  | 1096293  | 1083147  | 1094037  | 1091159  | 0.64   | cps   |
| Dysprosium | 156-1 | 67       | 75       | 100      | 81       | 21.54  | cps   |
| Dysprosium | 156-2 | 37       | 27       | 47       | 37       | 27.27  | cps   |
| Erbium     | 164-1 | 83       | 83       | 133      | 100      | 28.87  | cps   |
| Erbium     | 164-2 | 47       | 73       | 47       | 56       | 27.71  | cps   |
| Gadolinium | 160-1 | 158      | 108      | 200      | 156      | 29.50  | cps   |
| Gadolinium | 160-2 | 123      | 170      | 103      | 132      | 25.87  | cps   |
| Holmium    | 165-1 | 17500257 | 17382183 | 17339024 | 17407155 | 0.48   | cps   |
| Holmium    | 165-2 | 9063561  | 8909254  | 8942244  | 8971687  | 0.91   | cps   |
| Indium     | 115-1 | 13295551 | 13169777 | 13299676 | 13255001 | 0.56   | cps   |
| Indium     | 115-2 | 2732392  | 2735103  | 2749273  | 2738923  | 0.33   | cps   |
| Iron       | 56-2  | 523632   | 527894   | 525652   | 525726   | 0.41   | cps   |
| Iron       | 57-2  | 13729    | 13790    | 13607    | 13709    | 0.68   | cps   |
| Lead       | 206-1 | 154824   | 154329   | 156707   | 155287   | 0.81   | cps   |
| Lead       | 207-1 | 131272   | 129273   | 127854   | 129466   | 1.33   | cps   |
| Lead       | 208-1 | 604217   | 601949   | 597480   | 601215   | 0.57   | cps   |
| Lithium    | 6-1   | 1806024  | 1808999  | 1809683  | 1808235  | 0.11   | cps   |
| Magnesium  | 24-2  | 589707   | 588024   | 589228   | 588986   | 0.15   | cps   |
| Manganese  | 55-2  | 58375    | 58730    | 58536    | 58547    | 0.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-37            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-73-FL2-BROP | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:09:00 | DataFile Name :   | 197SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 542      | 733      | 575      | 617      | 16.61  | cps   |
| Molybdenum | 95-1  | 383      | 408      | 250      | 347      | 24.52  | cps   |
| Molybdenum | 96-1  | 383      | 342      | 417      | 381      | 9.88   | cps   |
| Molybdenum | 97-1  | 275      | 200      | 200      | 225      | 19.25  | cps   |
| Molybdenum | 98-1  | 475      | 500      | 533      | 503      | 5.82   | cps   |
| Neodymium  | 150-1 | 47       | 20       | 87       | 51       | 65.65  | cps   |
| Neodymium  | 150-2 | 10       | 17       | 23       | 17       | 39.99  | cps   |
| Nickel     | 60-2  | 40543    | 40633    | 39774    | 40317    | 1.17   | cps   |
| Phosphorus | 31-2  | 5626     | 5651     | 5868     | 5715     | 2.33   | cps   |
| Potassium  | 39-2  | 273077   | 275002   | 278102   | 275394   | 0.92   | cps   |
| Rhodium    | 103-1 | 12573568 | 12499962 | 12442700 | 12505410 | 0.52   | cps   |
| Rhodium    | 103-2 | 6203549  | 6182273  | 6019086  | 6134969  | 1.65   | cps   |
| Scandium   | 45-1  | 8309464  | 8147185  | 8171835  | 8209495  | 1.07   | cps   |
| Scandium   | 45-2  | 424362   | 422386   | 426618   | 424455   | 0.50   | cps   |
| Selenium   | 77-2  | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 100      | 109      | 109      | 106      | 5.04   | cps   |
| Selenium   | 82-1  | 79       | 155      | 50       | 95       | 57.42  | cps   |
| Silicon    | 28-1  | 9790578  | 9645662  | 9846883  | 9761041  | 1.06   | cps   |
| Silver     | 109-1 | 1158     | 950      | 2164     | 1424     | 45.57  | cps   |
| Silver     | 107-1 | 1108     | 1167     | 1058     | 1111     | 4.88   | cps   |
| Sodium     | 23-2  | 8747576  | 8581981  | 8702791  | 8677449  | 0.99   | cps   |
| Strontium  | 86-1  | 102725   | 101113   | 98898    | 100912   | 1.90   | cps   |
| Strontium  | 88-1  | 895393   | 885902   | 877821   | 886372   | 0.99   | cps   |
| Sulfur     | 34-1  | 543278   | 541340   | 543224   | 542614   | 0.20   | cps   |
| Terbium    | 159-1 | 17842335 | 17900994 | 17551812 | 17765047 | 1.05   | cps   |
| Terbium    | 159-2 | 9046694  | 9057996  | 9069110  | 9057933  | 0.12   | cps   |
| Thallium   | 203-1 | 542      | 425      | 358      | 442      | 21.01  | cps   |
| Thallium   | 205-1 | 1092     | 1017     | 967      | 1025     | 6.14   | cps   |
| Tin        | 118-1 | 883      | 1042     | 908      | 945      | 9.01   | cps   |
| Titanium   | 47-1  | 833      | 775      | 817      | 808      | 3.72   | cps   |
| Uranium    | 238-1 | 1042     | 958      | 767      | 922      | 15.29  | cps   |
| Vanadium   | 51-2  | 283      | 360      | 370      | 338      | 14.04  | cps   |
| Yttrium    | 89-1  | 13698480 | 13385851 | 13455869 | 13513400 | 1.21   | cps   |
| Yttrium    | 89-2  | 2138407  | 2124693  | 2132370  | 2131823  | 0.32   | cps   |
| Zinc       | 66-2  | 720231   | 715635   | 717814   | 717893   | 0.32   | cps   |
| Zirconium  | 90-1  | 1167     | 1225     | 1183     | 1192     | 2.53   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-37            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-73-FL2-BROP | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:09:00 | DataFile Name :   | 197SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 258  | 233  | 239     | 7.26   | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-38 Instrumnet Name : P7  
 Client Sample ID : DC25820-74-FL2-BROP( Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 03:12:26 DataFile Name : 198SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1967     | 1700     | 1550     | 1739     | 12.14  | cps   |
| Antimony   | 121-1 | 800      | 1042     | 967      | 936      | 13.21  | cps   |
| Arsenic    | 75-2  | 167      | 170      | 187      | 175      | 6.21   | cps   |
| Barium     | 135-1 | 69909    | 67221    | 67448    | 68193    | 2.19   | cps   |
| Barium     | 137-1 | 117058   | 117158   | 118511   | 117576   | 0.69   | cps   |
| Beryllium  | 9-1   | 33       | 17       | 17       | 22       | 43.28  | cps   |
| Bismuth    | 209-1 | 11567818 | 11316443 | 11386814 | 11423691 | 1.14   | cps   |
| Bismuth    | 209-2 | 7014788  | 7013325  | 7018784  | 7015632  | 0.04   | cps   |
| Boron      | 10-1  | 1625     | 1425     | 1900     | 1650     | 14.45  | cps   |
| Boron      | 11-1  | 8486     | 8169     | 8503     | 8386     | 2.24   | cps   |
| Cadmium    | 111-1 | 2029     | 2462     | 2318     | 2270     | 9.73   | cps   |
| Cadmium    | 106-1 | 2859     | 3467     | 3292     | 3206     | 9.77   | cps   |
| Cadmium    | 108-1 | 8        | 21       | 4        | 11       | 78.05  | cps   |
| Calcium    | 43-1  | 281067   | 282582   | 274936   | 279528   | 1.45   | cps   |
| Calcium    | 44-1  | 4641386  | 4618485  | 4539666  | 4599846  | 1.16   | cps   |
| Chromium   | 52-2  | 1917     | 1903     | 1954     | 1925     | 1.35   | cps   |
| Cobalt     | 59-2  | 410      | 363      | 323      | 366      | 11.87  | cps   |
| Copper     | 63-2  | 214810   | 213876   | 214873   | 214520   | 0.26   | cps   |
| Dysprosium | 156-1 | 117      | 117      | 75       | 103      | 23.41  | cps   |
| Dysprosium | 156-2 | 33       | 27       | 83       | 48       | 64.83  | cps   |
| Erbium     | 164-1 | 158      | 158      | 150      | 156      | 3.09   | cps   |
| Erbium     | 164-2 | 47       | 67       | 47       | 53       | 21.65  | cps   |
| Gadolinium | 160-1 | 183      | 250      | 233      | 222      | 15.61  | cps   |
| Gadolinium | 160-2 | 203      | 170      | 210      | 194      | 11.02  | cps   |
| Holmium    | 165-1 | 17462508 | 17444055 | 17227955 | 17378172 | 0.75   | cps   |
| Holmium    | 165-2 | 9072991  | 9116132  | 9096414  | 9095179  | 0.24   | cps   |
| Indium     | 115-1 | 13414432 | 13336534 | 13223393 | 13324786 | 0.72   | cps   |
| Indium     | 115-2 | 2763000  | 2770581  | 2744042  | 2759208  | 0.50   | cps   |
| Iron       | 56-2  | 122010   | 117646   | 117109   | 118922   | 2.26   | cps   |
| Iron       | 57-2  | 3534     | 3823     | 3645     | 3667     | 3.97   | cps   |
| Lead       | 206-1 | 9131     | 9331     | 9042     | 9168     | 1.62   | cps   |
| Lead       | 207-1 | 7386     | 7547     | 7669     | 7534     | 1.89   | cps   |
| Lead       | 208-1 | 35486    | 35186    | 35036    | 35236    | 0.65   | cps   |
| Lithium    | 6-1   | 1830151  | 1838267  | 1789462  | 1819293  | 1.44   | cps   |
| Magnesium  | 24-2  | 524968   | 519219   | 526875   | 523687   | 0.76   | cps   |
| Manganese  | 55-2  | 45069    | 45216    | 44414    | 44900    | 0.95   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-38            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-74-FL2-BROP | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:12:26 | DataFile Name :   | 198SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 717      | 858      | 633      | 736      | 15.46  | cps   |
| Molybdenum | 95-1  | 292      | 367      | 358      | 339      | 12.13  | cps   |
| Molybdenum | 96-1  | 442      | 467      | 375      | 428      | 11.08  | cps   |
| Molybdenum | 97-1  | 325      | 258      | 292      | 292      | 11.43  | cps   |
| Molybdenum | 98-1  | 558      | 567      | 600      | 575      | 3.83   | cps   |
| Neodymium  | 150-1 | 67       | 120      | 73       | 87       | 33.53  | cps   |
| Neodymium  | 150-2 | 37       | 23       | 23       | 28       | 27.73  | cps   |
| Nickel     | 60-2  | 4904     | 4791     | 4968     | 4888     | 1.83   | cps   |
| Phosphorus | 31-2  | 6977     | 6877     | 7110     | 6988     | 1.68   | cps   |
| Potassium  | 39-2  | 274777   | 270831   | 274060   | 273223   | 0.77   | cps   |
| Rhodium    | 103-1 | 12506642 | 12482790 | 12518700 | 12502711 | 0.15   | cps   |
| Rhodium    | 103-2 | 6307060  | 6165560  | 6231644  | 6234755  | 1.14   | cps   |
| Scandium   | 45-1  | 8216166  | 8286054  | 8275023  | 8259081  | 0.45   | cps   |
| Scandium   | 45-2  | 430094   | 429174   | 426464   | 428577   | 0.44   | cps   |
| Selenium   | 77-2  | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 133      | 113      | 122      | 123      | 8.31   | cps   |
| Selenium   | 82-1  | 63       | 9        | -6       | 22       | 164.54 | cps   |
| Silicon    | 28-1  | 9205740  | 9143853  | 9103808  | 9151134  | 0.56   | cps   |
| Silver     | 109-1 | 242      | 192      | 175      | 203      | 17.11  | cps   |
| Silver     | 107-1 | 258      | 225      | 183      | 222      | 16.91  | cps   |
| Sodium     | 23-2  | 8940759  | 8702555  | 8884731  | 8842682  | 1.41   | cps   |
| Strontium  | 86-1  | 102926   | 101154   | 100047   | 101376   | 1.43   | cps   |
| Strontium  | 88-1  | 883834   | 876613   | 878459   | 879636   | 0.43   | cps   |
| Sulfur     | 34-1  | 538448   | 537825   | 537778   | 538017   | 0.07   | cps   |
| Terbium    | 159-1 | 17965244 | 17910053 | 17817977 | 17897758 | 0.42   | cps   |
| Terbium    | 159-2 | 9126599  | 9060971  | 9074498  | 9087356  | 0.38   | cps   |
| Thallium   | 203-1 | 392      | 350      | 258      | 333      | 20.46  | cps   |
| Thallium   | 205-1 | 867      | 933      | 1042     | 947      | 9.33   | cps   |
| Tin        | 118-1 | 792      | 883      | 708      | 795      | 11.02  | cps   |
| Titanium   | 47-1  | 967      | 1100     | 1067     | 1045     | 6.64   | cps   |
| Uranium    | 238-1 | 942      | 800      | 700      | 814      | 14.92  | cps   |
| Vanadium   | 51-2  | 283      | 330      | 400      | 338      | 17.38  | cps   |
| Yttrium    | 89-1  | 13788476 | 13613696 | 13470046 | 13624073 | 1.17   | cps   |
| Yttrium    | 89-2  | 2150692  | 2146061  | 2140063  | 2145605  | 0.25   | cps   |
| Zinc       | 66-2  | 22808    | 22975    | 22835    | 22873    | 0.39   | cps   |
| Zirconium  | 90-1  | 1317     | 1242     | 1175     | 1245     | 5.69   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-38            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-74-FL2-BROP | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:12:26 | DataFile Name :   | 198SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 467  | 267  | 175  | 303     | 49.28  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-39            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-75-ROOF-BRC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:15:52 | DataFile Name :   | 199SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1775     | 1617     | 1692     | 1695     | 4.67   | cps   |
| Antimony   | 121-1 | 842      | 1117     | 983      | 981      | 14.03  | cps   |
| Arsenic    | 75-2  | 204      | 189      | 191      | 194      | 4.15   | cps   |
| Barium     | 135-1 | 67096    | 66878    | 68519    | 67497    | 1.32   | cps   |
| Barium     | 137-1 | 116990   | 114277   | 116788   | 116018   | 1.30   | cps   |
| Beryllium  | 9-1   | 28       | 11       | 22       | 20       | 41.67  | cps   |
| Bismuth    | 209-1 | 11318551 | 11264746 | 11467151 | 11350149 | 0.92   | cps   |
| Bismuth    | 209-2 | 5646269  | 6972942  | 6958011  | 6525741  | 11.67  | cps   |
| Boron      | 10-1  | 1533     | 1525     | 1683     | 1581     | 5.64   | cps   |
| Boron      | 11-1  | 8778     | 8603     | 8536     | 8639     | 1.45   | cps   |
| Cadmium    | 111-1 | 2384     | 2402     | 2205     | 2330     | 4.66   | cps   |
| Cadmium    | 106-1 | 3359     | 3392     | 3100     | 3284     | 4.86   | cps   |
| Cadmium    | 108-1 | 13       | 21       | 33       | 22       | 47.18  | cps   |
| Calcium    | 43-1  | 280177   | 276438   | 276603   | 277739   | 0.76   | cps   |
| Calcium    | 44-1  | 4641186  | 4609163  | 4571810  | 4607386  | 0.75   | cps   |
| Chromium   | 52-2  | 1633     | 1723     | 1683     | 1680     | 2.68   | cps   |
| Cobalt     | 59-2  | 507      | 560      | 493      | 520      | 6.78   | cps   |
| Copper     | 63-2  | 337015   | 332718   | 335946   | 335226   | 0.67   | cps   |
| Dysprosium | 156-1 | 67       | 67       | 92       | 75       | 19.24  | cps   |
| Dysprosium | 156-2 | 57       | 47       | 70       | 58       | 20.26  | cps   |
| Erbium     | 164-1 | 133      | 175      | 125      | 144      | 18.54  | cps   |
| Erbium     | 164-2 | 53       | 57       | 70       | 60       | 14.70  | cps   |
| Gadolinium | 160-1 | 158      | 192      | 167      | 172      | 10.07  | cps   |
| Gadolinium | 160-2 | 163      | 210      | 143      | 172      | 19.86  | cps   |
| Holmium    | 165-1 | 17480714 | 17233735 | 17186826 | 17300425 | 0.91   | cps   |
| Holmium    | 165-2 | 7412714  | 8925179  | 8965672  | 8434522  | 10.49  | cps   |
| Indium     | 115-1 | 13243590 | 13252129 | 13272323 | 13256014 | 0.11   | cps   |
| Indium     | 115-2 | 2225368  | 2698919  | 2703039  | 2542442  | 10.80  | cps   |
| Iron       | 56-2  | 129186   | 128171   | 129785   | 129047   | 0.63   | cps   |
| Iron       | 57-2  | 4067     | 3973     | 3973     | 4004     | 1.36   | cps   |
| Lead       | 206-1 | 13340    | 13440    | 13212    | 13331    | 0.86   | cps   |
| Lead       | 207-1 | 11466    | 11327    | 11144    | 11313    | 1.43   | cps   |
| Lead       | 208-1 | 53121    | 52959    | 52386    | 52822    | 0.73   | cps   |
| Lithium    | 6-1   | 1803544  | 1779670  | 1799119  | 1794111  | 0.71   | cps   |
| Magnesium  | 24-2  | 537072   | 524890   | 535781   | 532581   | 1.26   | cps   |
| Manganese  | 55-2  | 52149    | 51660    | 50513    | 51441    | 1.63   | cps   |



LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-39 Instrumnet Name : P7  
 Client Sample ID : DC25820-75-ROOF-BRC Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 03:15:52 DataFile Name : 199SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 525      | 600      | 683      | 603      | 13.14  | cps   |
| Molybdenum | 95-1  | 242      | 292      | 325      | 286      | 14.66  | cps   |
| Molybdenum | 96-1  | 492      | 442      | 542      | 492      | 10.17  | cps   |
| Molybdenum | 97-1  | 317      | 258      | 300      | 292      | 10.30  | cps   |
| Molybdenum | 98-1  | 642      | 442      | 525      | 536      | 18.74  | cps   |
| Neodymium  | 150-1 | 80       | 47       | 40       | 56       | 38.57  | cps   |
| Neodymium  | 150-2 | 33       | 33       | 37       | 34       | 5.60   | cps   |
| Nickel     | 60-2  | 6435     | 6101     | 6535     | 6357     | 3.57   | cps   |
| Phosphorus | 31-2  | 7019     | 6977     | 7285     | 7094     | 2.36   | cps   |
| Potassium  | 39-2  | 270240   | 270149   | 274121   | 271503   | 0.84   | cps   |
| Rhodium    | 103-1 | 12402504 | 12523059 | 12476698 | 12467420 | 0.49   | cps   |
| Rhodium    | 103-2 | 4859821  | 6085045  | 6144288  | 5696385  | 12.73  | cps   |
| Scandium   | 45-1  | 8266856  | 8171144  | 8268122  | 8235374  | 0.68   | cps   |
| Scandium   | 45-2  | 353389   | 420286   | 423063   | 398913   | 9.89   | cps   |
| Selenium   | 77-2  | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 91       | 85       | 100      | 92       | 8.13   | cps   |
| Selenium   | 82-1  | -39      | 45       | 8        | 5        | 932.84 | cps   |
| Silicon    | 28-1  | 9114965  | 9091529  | 9104519  | 9103671  | 0.13   | cps   |
| Silver     | 109-1 | 258      | 242      | 242      | 247      | 3.89   | cps   |
| Silver     | 107-1 | 208      | 275      | 242      | 242      | 13.79  | cps   |
| Sodium     | 23-2  | 8871147  | 8756904  | 8773323  | 8800458  | 0.70   | cps   |
| Strontium  | 86-1  | 99720    | 99813    | 99468    | 99667    | 0.18   | cps   |
| Strontium  | 88-1  | 875572   | 874633   | 872559   | 874255   | 0.18   | cps   |
| Sulfur     | 34-1  | 537122   | 539903   | 531544   | 536190   | 0.79   | cps   |
| Terbium    | 159-1 | 17798037 | 17721382 | 17606881 | 17708767 | 0.54   | cps   |
| Terbium    | 159-2 | 7485802  | 8900045  | 8938664  | 8441504  | 9.81   | cps   |
| Thallium   | 203-1 | 300      | 308      | 300      | 303      | 1.59   | cps   |
| Thallium   | 205-1 | 883      | 858      | 950      | 897      | 5.28   | cps   |
| Tin        | 118-1 | 1033     | 958      | 750      | 914      | 16.06  | cps   |
| Titanium   | 47-1  | 1410     | 908      | 850      | 1056     | 29.13  | cps   |
| Uranium    | 238-1 | 700      | 750      | 792      | 747      | 6.14   | cps   |
| Vanadium   | 51-2  | 383      | 357      | 360      | 367      | 3.96   | cps   |
| Yttrium    | 89-1  | 13378209 | 13317735 | 13465549 | 13387164 | 0.56   | cps   |
| Yttrium    | 89-2  | 1736271  | 2104189  | 2128173  | 1989544  | 11.04  | cps   |
| Zinc       | 66-2  | 31207    | 31451    | 31267    | 31308    | 0.41   | cps   |
| Zirconium  | 90-1  | 1325     | 1108     | 1100     | 1178     | 10.83  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-39            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-75-ROOF-BRC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:15:52 | DataFile Name :   | 199SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 200  | 217  | 228     | 15.23  | cps   |

LB Number : LB89354 Operator : Jaswal  
 Lab Sample ID : I4616-40 Instrumnet Name : P7  
 Client Sample ID : DC25820-76-ROOF-BRC Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-09 03:19:17 DataFile Name : 200SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1975     | 1675     | 1484     | 1711     | 14.48  | cps   |
| Antimony   | 121-1 | 983      | 792      | 1075     | 950      | 15.22  | cps   |
| Arsenic    | 75-2  | 180      | 202      | 176      | 186      | 7.55   | cps   |
| Barium     | 135-1 | 68570    | 66904    | 67532    | 67669    | 1.24   | cps   |
| Barium     | 137-1 | 118031   | 117342   | 117107   | 117493   | 0.41   | cps   |
| Beryllium  | 9-1   | 17       | 33       | 50       | 33       | 50.00  | cps   |
| Bismuth    | 209-1 | 11388349 | 11489350 | 11421623 | 11433107 | 0.45   | cps   |
| Bismuth    | 209-2 | 6919783  | 6826773  | 6891528  | 6879361  | 0.69   | cps   |
| Boron      | 10-1  | 1709     | 1550     | 1667     | 1642     | 5.00   | cps   |
| Boron      | 11-1  | 8169     | 8344     | 8378     | 8297     | 1.35   | cps   |
| Cadmium    | 111-1 | 2373     | 2419     | 2405     | 2399     | 0.98   | cps   |
| Cadmium    | 106-1 | 3367     | 3442     | 3417     | 3409     | 1.12   | cps   |
| Cadmium    | 108-1 | 13       | 4        | 17       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 276121   | 274498   | 275683   | 275434   | 0.30   | cps   |
| Calcium    | 44-1  | 4611050  | 4596756  | 4581358  | 4596388  | 0.32   | cps   |
| Chromium   | 52-2  | 1650     | 1640     | 1597     | 1629     | 1.74   | cps   |
| Cobalt     | 59-2  | 330      | 303      | 297      | 310      | 5.69   | cps   |
| Copper     | 63-2  | 249040   | 249708   | 251509   | 250086   | 0.51   | cps   |
| Dysprosium | 156-1 | 108      | 83       | 58       | 83       | 30.00  | cps   |
| Dysprosium | 156-2 | 73       | 23       | 40       | 46       | 55.89  | cps   |
| Erbium     | 164-1 | 117      | 208      | 108      | 144      | 38.41  | cps   |
| Erbium     | 164-2 | 87       | 73       | 60       | 73       | 18.18  | cps   |
| Gadolinium | 160-1 | 225      | 167      | 192      | 194      | 15.05  | cps   |
| Gadolinium | 160-2 | 137      | 163      | 177      | 159      | 12.82  | cps   |
| Holmium    | 165-1 | 17269789 | 17326587 | 17151928 | 17249435 | 0.52   | cps   |
| Holmium    | 165-2 | 8883719  | 8854716  | 8964924  | 8901120  | 0.64   | cps   |
| Indium     | 115-1 | 13327884 | 13333764 | 13295183 | 13318944 | 0.16   | cps   |
| Indium     | 115-2 | 2715295  | 2715648  | 2717816  | 2716253  | 0.05   | cps   |
| Iron       | 56-2  | 111770   | 110747   | 113530   | 112016   | 1.26   | cps   |
| Iron       | 57-2  | 3428     | 3695     | 3806     | 3643     | 5.33   | cps   |
| Lead       | 206-1 | 8820     | 9098     | 9120     | 9013     | 1.86   | cps   |
| Lead       | 207-1 | 7875     | 7380     | 7791     | 7682     | 3.45   | cps   |
| Lead       | 208-1 | 34858    | 35475    | 35353    | 35228    | 0.93   | cps   |
| Lithium    | 6-1   | 1803815  | 1793479  | 1775835  | 1791043  | 0.79   | cps   |
| Magnesium  | 24-2  | 526116   | 521621   | 519461   | 522400   | 0.65   | cps   |
| Manganese  | 55-2  | 46547    | 46480    | 46828    | 46618    | 0.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-40            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-76-ROOF-BRC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:19:17 | DataFile Name :   | 200SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 592      | 667      | 650      | 636      | 6.19   | cps   |
| Molybdenum | 95-1  | 333      | 333      | 325      | 331      | 1.45   | cps   |
| Molybdenum | 96-1  | 442      | 392      | 425      | 419      | 6.07   | cps   |
| Molybdenum | 97-1  | 292      | 333      | 217      | 281      | 21.07  | cps   |
| Molybdenum | 98-1  | 542      | 483      | 558      | 528      | 7.46   | cps   |
| Neodymium  | 150-1 | 73       | 73       | 73       | 73       | 0.00   | cps   |
| Neodymium  | 150-2 | 23       | 43       | 23       | 30       | 38.49  | cps   |
| Nickel     | 60-2  | 5398     | 5584     | 5298     | 5427     | 2.68   | cps   |
| Phosphorus | 31-2  | 7202     | 8003     | 7044     | 7416     | 6.93   | cps   |
| Potassium  | 39-2  | 274205   | 272842   | 270253   | 272433   | 0.74   | cps   |
| Rhodium    | 103-1 | 12473264 | 12455681 | 12441313 | 12456753 | 0.13   | cps   |
| Rhodium    | 103-2 | 6199194  | 5995631  | 6143140  | 6112655  | 1.72   | cps   |
| Scandium   | 45-1  | 8076073  | 8264659  | 8241632  | 8194121  | 1.26   | cps   |
| Scandium   | 45-2  | 421168   | 420606   | 418845   | 420207   | 0.29   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 115      | 115      | 113      | 114      | 0.94   | cps   |
| Selenium   | 82-1  | 158      | 212      | 126      | 165      | 26.20  | cps   |
| Silicon    | 28-1  | 9165829  | 9160279  | 9184555  | 9170221  | 0.14   | cps   |
| Silver     | 109-1 | 125      | 158      | 108      | 131      | 19.50  | cps   |
| Silver     | 107-1 | 200      | 150      | 158      | 169      | 15.81  | cps   |
| Sodium     | 23-2  | 8794085  | 8726424  | 8740162  | 8753557  | 0.41   | cps   |
| Strontium  | 86-1  | 101582   | 100844   | 101440   | 101289   | 0.39   | cps   |
| Strontium  | 88-1  | 881042   | 876057   | 876090   | 877730   | 0.33   | cps   |
| Sulfur     | 34-1  | 540031   | 539359   | 540172   | 539854   | 0.08   | cps   |
| Terbium    | 159-1 | 17827036 | 17838348 | 17730982 | 17798788 | 0.33   | cps   |
| Terbium    | 159-2 | 8959675  | 8885542  | 9015100  | 8953439  | 0.73   | cps   |
| Thallium   | 203-1 | 458      | 367      | 417      | 414      | 11.09  | cps   |
| Thallium   | 205-1 | 883      | 975      | 908      | 922      | 5.14   | cps   |
| Tin        | 118-1 | 667      | 792      | 758      | 739      | 8.76   | cps   |
| Titanium   | 47-1  | 842      | 1083     | 1117     | 1014     | 14.80  | cps   |
| Uranium    | 238-1 | 883      | 775      | 767      | 808      | 8.05   | cps   |
| Vanadium   | 51-2  | 397      | 313      | 373      | 361      | 11.91  | cps   |
| Yttrium    | 89-1  | 13525906 | 13496531 | 13563951 | 13528796 | 0.25   | cps   |
| Yttrium    | 89-2  | 2122532  | 2109413  | 2125797  | 2119248  | 0.41   | cps   |
| Zinc       | 66-2  | 19577    | 19550    | 19900    | 19676    | 0.99   | cps   |
| Zirconium  | 90-1  | 1108     | 1050     | 1217     | 1125     | 7.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4616-40            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC25820-76-ROOF-BRC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:19:17 | DataFile Name :   | 200SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 300  | 233  | 242  | 258     | 14.06  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV82               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:22:43 | DataFile Name :   | 201SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 825      | 817      | 867      | 836      | 3.20   | cps   |
| Antimony   | 121-1 | 133      | 75       | 150      | 119      | 32.97  | cps   |
| Arsenic    | 75-2  | 11       | 4        | 13       | 9        | 52.94  | cps   |
| Barium     | 135-1 | 67       | 75       | 83       | 75       | 11.11  | cps   |
| Barium     | 137-1 | 117      | 108      | 108      | 111      | 4.33   | cps   |
| Beryllium  | 9-1   | 17       | 17       | 17       | 17       | 0.00   | cps   |
| Bismuth    | 209-1 | 10604379 | 10446142 | 10727733 | 10592751 | 1.33   | cps   |
| Bismuth    | 209-2 | 6334496  | 6348642  | 6370385  | 6351174  | 0.28   | cps   |
| Boron      | 10-1  | 350      | 242      | 392      | 328      | 23.62  | cps   |
| Boron      | 11-1  | 1925     | 1825     | 1909     | 1886     | 2.84   | cps   |
| Cadmium    | 111-1 | 2275     | 2185     | 2171     | 2210     | 2.56   | cps   |
| Cadmium    | 106-1 | 3250     | 3125     | 3075     | 3150     | 2.86   | cps   |
| Cadmium    | 108-1 | 13       | 17       | 4        | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 1558     | 1425     | 1575     | 1520     | 5.41   | cps   |
| Calcium    | 44-1  | 36287    | 36028    | 36254    | 36190    | 0.39   | cps   |
| Chromium   | 52-2  | 1763     | 1787     | 1720     | 1757     | 1.93   | cps   |
| Cobalt     | 59-2  | 140      | 77       | 137      | 118      | 30.26  | cps   |
| Copper     | 63-2  | 1587     | 1510     | 1637     | 1578     | 4.04   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 8        | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Erbium     | 164-1 | 58       | 67       | 33       | 53       | 32.88  | cps   |
| Erbium     | 164-2 | 30       | 23       | 30       | 28       | 13.86  | cps   |
| Gadolinium | 160-1 | 50       | 83       | 108      | 81       | 36.33  | cps   |
| Gadolinium | 160-2 | 123      | 83       | 127      | 111      | 21.70  | cps   |
| Holmium    | 165-1 | 16261318 | 15963445 | 16552680 | 16259148 | 1.81   | cps   |
| Holmium    | 165-2 | 8522106  | 8558018  | 8525009  | 8535045  | 0.23   | cps   |
| Indium     | 115-1 | 12515741 | 12332115 | 12493472 | 12447109 | 0.81   | cps   |
| Indium     | 115-2 | 2609051  | 2602746  | 2613786  | 2608528  | 0.21   | cps   |
| Iron       | 56-2  | 7686     | 7736     | 7713     | 7711     | 0.33   | cps   |
| Iron       | 57-2  | 400      | 411      | 350      | 387      | 8.41   | cps   |
| Lead       | 206-1 | 7501873  | 7513931  | 7421987  | 7479264  | 0.67   | cps   |
| Lead       | 207-1 | 6398003  | 6415401  | 6373117  | 6395507  | 0.33   | cps   |
| Lead       | 208-1 | 29747934 | 29828559 | 29636749 | 29737748 | 0.32   | cps   |
| Lithium    | 6-1   | 1682947  | 1654963  | 1688223  | 1675378  | 1.07   | cps   |
| Magnesium  | 24-2  | 517      | 583      | 508      | 536      | 7.67   | cps   |
| Manganese  | 55-2  | 210      | 127      | 150      | 162      | 26.50  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV82               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:22:43 | DataFile Name :   | 201SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 358      | 417      | 267      | 347      | 21.78  | cps   |
| Molybdenum | 95-1  | 150      | 142      | 158      | 150      | 5.56   | cps   |
| Molybdenum | 96-1  | 225      | 250      | 167      | 214      | 19.99  | cps   |
| Molybdenum | 97-1  | 242      | 108      | 133      | 161      | 43.99  | cps   |
| Molybdenum | 98-1  | 217      | 200      | 233      | 217      | 7.69   | cps   |
| Neodymium  | 150-1 | 0        | 33       | 0        | 11       | 173.21 | cps   |
| Neodymium  | 150-2 | 13       | 0        | 0        | 4        | 173.21 | cps   |
| Nickel     | 60-2  | 103      | 107      | 120      | 110      | 8.01   | cps   |
| Phosphorus | 31-2  | 208      | 250      | 225      | 228      | 9.21   | cps   |
| Potassium  | 39-2  | 42687    | 42445    | 41501    | 42211    | 1.48   | cps   |
| Rhodium    | 103-1 | 11622157 | 11628311 | 11768548 | 11673005 | 0.71   | cps   |
| Rhodium    | 103-2 | 5764825  | 5804131  | 5936582  | 5835179  | 1.54   | cps   |
| Scandium   | 45-1  | 7771028  | 7551905  | 7786404  | 7703113  | 1.70   | cps   |
| Scandium   | 45-2  | 405260   | 407795   | 405598   | 406218   | 0.34   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 102      | 94       | 100      | 99       | 3.90   | cps   |
| Selenium   | 82-1  | -64      | 112      | 45       | 31       | 286.45 | cps   |
| Silicon    | 28-1  | 563804   | 560791   | 562474   | 562357   | 0.27   | cps   |
| Silver     | 109-1 | 75       | 117      | 117      | 103      | 23.41  | cps   |
| Silver     | 107-1 | 192      | 183      | 158      | 178      | 9.76   | cps   |
| Sodium     | 23-2  | 40773    | 39988    | 39729    | 40163    | 1.35   | cps   |
| Strontium  | 86-1  | 1583     | 1533     | 1634     | 1583     | 3.16   | cps   |
| Strontium  | 88-1  | 1108     | 1117     | 1217     | 1147     | 5.26   | cps   |
| Sulfur     | 34-1  | 452378   | 452046   | 449773   | 451399   | 0.31   | cps   |
| Terbium    | 159-1 | 16577329 | 16465092 | 17002227 | 16681549 | 1.70   | cps   |
| Terbium    | 159-2 | 8536883  | 8538862  | 8565878  | 8547208  | 0.19   | cps   |
| Thallium   | 203-1 | 442      | 400      | 442      | 428      | 5.62   | cps   |
| Thallium   | 205-1 | 975      | 1008     | 958      | 981      | 2.60   | cps   |
| Tin        | 118-1 | 1017     | 1225     | 958      | 1067     | 13.14  | cps   |
| Titanium   | 47-1  | 333      | 292      | 375      | 333      | 12.50  | cps   |
| Uranium    | 238-1 | 308      | 342      | 408      | 353      | 14.43  | cps   |
| Vanadium   | 51-2  | 57       | 37       | 37       | 43       | 26.64  | cps   |
| Yttrium    | 89-1  | 12600522 | 12522157 | 12600405 | 12574362 | 0.36   | cps   |
| Yttrium    | 89-2  | 2029188  | 2027424  | 2041079  | 2032564  | 0.37   | cps   |
| Zinc       | 66-2  | 567      | 660      | 520      | 582      | 12.24  | cps   |
| Zirconium  | 90-1  | 667      | 617      | 683      | 656      | 5.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV82               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:22:43 | DataFile Name :   | 201SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 167  | 133  | 128     | 32.83  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB82               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:26:10 | DataFile Name :   | 202SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 333      | 442      | 342      | 372      | 16.20  | cps   |
| Antimony   | 121-1 | 50       | 8        | 42       | 33       | 66.15  | cps   |
| Arsenic    | 75-2  | 4        | 6        | 2        | 4        | 50.09  | cps   |
| Barium     | 135-1 | 42       | 42       | 42       | 42       | 0.00   | cps   |
| Barium     | 137-1 | 108      | 75       | 83       | 89       | 19.52  | cps   |
| Beryllium  | 9-1   | 6        | 11       | 17       | 11       | 49.99  | cps   |
| Bismuth    | 209-1 | 10703736 | 10743095 | 10786646 | 10744492 | 0.39   | cps   |
| Bismuth    | 209-2 | 6412319  | 6408497  | 6407503  | 6409440  | 0.04   | cps   |
| Boron      | 10-1  | 300      | 342      | 367      | 336      | 10.02  | cps   |
| Boron      | 11-1  | 1508     | 1350     | 1350     | 1403     | 6.52   | cps   |
| Cadmium    | 111-1 | 2504     | 2330     | 2161     | 2332     | 7.36   | cps   |
| Cadmium    | 106-1 | 3576     | 3334     | 3084     | 3331     | 7.38   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 8        | 10       | 65.47  | cps   |
| Calcium    | 43-1  | 525      | 467      | 475      | 489      | 6.45   | cps   |
| Calcium    | 44-1  | 17386    | 17603    | 17386    | 17458    | 0.72   | cps   |
| Chromium   | 52-2  | 1687     | 1763     | 1760     | 1737     | 2.50   | cps   |
| Cobalt     | 59-2  | 87       | 77       | 103      | 89       | 15.16  | cps   |
| Copper     | 63-2  | 1450     | 1510     | 1377     | 1446     | 4.62   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 8        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 10       | 10       | 7        | 9        | 21.63  | cps   |
| Erbium     | 164-1 | 83       | 75       | 33       | 64       | 41.93  | cps   |
| Erbium     | 164-2 | 20       | 30       | 20       | 23       | 24.74  | cps   |
| Gadolinium | 160-1 | 67       | 133      | 117      | 106      | 32.87  | cps   |
| Gadolinium | 160-2 | 100      | 133      | 90       | 108      | 21.06  | cps   |
| Holmium    | 165-1 | 16288178 | 16317745 | 16385026 | 16330317 | 0.30   | cps   |
| Holmium    | 165-2 | 8618383  | 8584360  | 8617802  | 8606848  | 0.23   | cps   |
| Indium     | 115-1 | 12434027 | 12425079 | 12457235 | 12438780 | 0.13   | cps   |
| Indium     | 115-2 | 2618711  | 2616442  | 2633866  | 2623006  | 0.36   | cps   |
| Iron       | 56-2  | 5712     | 5896     | 5612     | 5740     | 2.50   | cps   |
| Iron       | 57-2  | 344      | 339      | 317      | 333      | 4.41   | cps   |
| Lead       | 206-1 | 1161     | 995      | 1222     | 1126     | 10.47  | cps   |
| Lead       | 207-1 | 1222     | 1111     | 1033     | 1122     | 8.46   | cps   |
| Lead       | 208-1 | 5106     | 4728     | 4917     | 4917     | 3.84   | cps   |
| Lithium    | 6-1   | 1695318  | 1713333  | 1692902  | 1700518  | 0.66   | cps   |
| Magnesium  | 24-2  | 400      | 483      | 408      | 431      | 10.66  | cps   |
| Manganese  | 55-2  | 60       | 83       | 70       | 71       | 16.46  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB82               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:26:10 | DataFile Name :   | 202SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 267      | 233      | 342      | 281      | 19.78   | cps   |
| Molybdenum | 95-1  | 17       | 8        | 58       | 28       | 96.44   | cps   |
| Molybdenum | 96-1  | 25       | 125      | 83       | 78       | 64.58   | cps   |
| Molybdenum | 97-1  | 83       | 117      | 108      | 103      | 16.88   | cps   |
| Molybdenum | 98-1  | 25       | 50       | 42       | 39       | 32.73   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 7        | 2        | 173.21  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 87       | 103      | 100      | 97       | 9.12    | cps   |
| Phosphorus | 31-2  | 200      | 283      | 183      | 222      | 24.11   | cps   |
| Potassium  | 39-2  | 41534    | 40372    | 42044    | 41317    | 2.07    | cps   |
| Rhodium    | 103-1 | 11899501 | 11945221 | 11871205 | 11905309 | 0.31    | cps   |
| Rhodium    | 103-2 | 5738997  | 5805081  | 5799396  | 5781158  | 0.63    | cps   |
| Scandium   | 45-1  | 7769388  | 7785247  | 7814884  | 7789840  | 0.30    | cps   |
| Scandium   | 45-2  | 409444   | 408696   | 410410   | 409517   | 0.21    | cps   |
| Selenium   | 77-2  | 10       | 7        | 3        | 7        | 50.03   | cps   |
| Selenium   | 78-2  | 119      | 106      | 87       | 104      | 15.26   | cps   |
| Selenium   | 82-1  | -55      | 56       | -78      | -26      | -277.72 | cps   |
| Silicon    | 28-1  | 541179   | 541182   | 541629   | 541330   | 0.05    | cps   |
| Silver     | 109-1 | 58       | 75       | 58       | 64       | 15.05   | cps   |
| Silver     | 107-1 | 133      | 92       | 150      | 125      | 24.04   | cps   |
| Sodium     | 23-2  | 38767    | 39177    | 40146    | 39364    | 1.80    | cps   |
| Strontium  | 86-1  | 1575     | 1475     | 1567     | 1539     | 3.61    | cps   |
| Strontium  | 88-1  | 1533     | 1634     | 1433     | 1533     | 6.52    | cps   |
| Sulfur     | 34-1  | 449572   | 454368   | 449221   | 451054   | 0.64    | cps   |
| Terbium    | 159-1 | 16614435 | 16612756 | 16633204 | 16620132 | 0.07    | cps   |
| Terbium    | 159-2 | 8600155  | 8535017  | 8556019  | 8563730  | 0.39    | cps   |
| Thallium   | 203-1 | 342      | 283      | 217      | 281      | 22.29   | cps   |
| Thallium   | 205-1 | 692      | 550      | 717      | 653      | 13.77   | cps   |
| Tin        | 118-1 | 1267     | 1142     | 1317     | 1242     | 7.26    | cps   |
| Titanium   | 47-1  | 142      | 192      | 192      | 175      | 16.50   | cps   |
| Uranium    | 238-1 | 75       | 75       | 42       | 64       | 30.12   | cps   |
| Vanadium   | 51-2  | 27       | 13       | 10       | 17       | 52.93   | cps   |
| Yttrium    | 89-1  | 12855283 | 12625096 | 12808909 | 12763096 | 0.95    | cps   |
| Yttrium    | 89-2  | 2032995  | 2043019  | 2032401  | 2036138  | 0.29    | cps   |
| Zinc       | 66-2  | 143      | 163      | 130      | 146      | 11.53   | cps   |
| Zirconium  | 90-1  | 750      | 575      | 725      | 683      | 13.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89354             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB82               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB82               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-09 03:26:10 | DataFile Name :   | 202SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 125  | 142  | 142     | 11.76  | cps   |