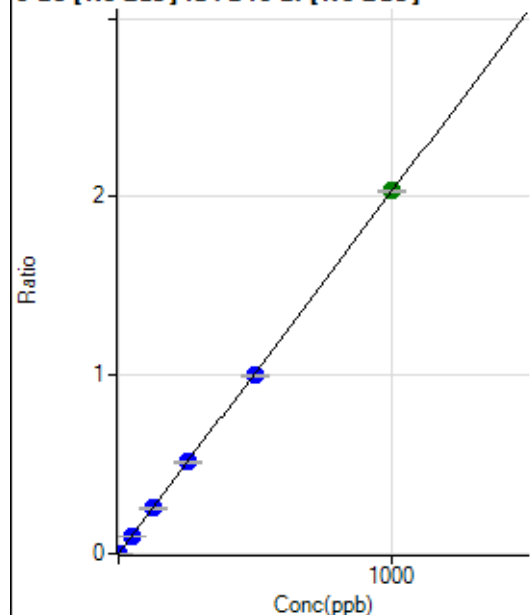


Batch Folder: D:\P8072117-MS.b\  
Analysis File: P8072117-MS.batch.bin  
DA Date-Time: 2017-07-24 10:51:12  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2017-07-21 12:07:15 |
| 2     |                    |             |                     |
| 3     | 005CALS.d          | S02         | 2017-07-21 12:14:00 |
| 4     | 006CALS.d          | S03         | 2017-07-21 12:17:30 |
| 5     | 007CALS.d          | S04         | 2017-07-21 12:21:00 |
| 6     | 008CALS.d          | S05         | 2017-07-21 12:24:25 |
| 7     | 009CALS.d          | S06         | 2017-07-21 12:27:44 |
| 8     | 010CALS.d          | S07         | 2017-07-21 12:30:57 |
| 9     | 011CALS.d          | S08         | 2017-07-21 12:34:06 |

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 187.04     | 0.0002 | P    | 17.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.842      | 1716.82    | 0.0019 | P    | 2.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.863     | 89555.02   | 0.1013 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 125.170    | 227425.41  | 0.2539 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 252.807    | 452584.54  | 0.5125 | P    | 2.7  |
| 7 | <input type="checkbox"/> | 500.000  | 492.984    | 891150.79  | 0.9993 | P    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.792   | 1780753.53 | 2.0325 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 540.77     | 0.0007 | P    | 13.3 |

$$y = 0.0020 * x + 2.1116E-004$$

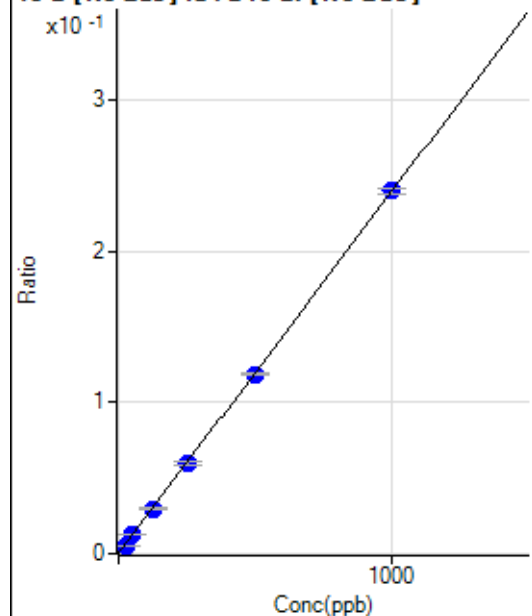
$$R = 1.0000$$

$$DL = 0.05409$$

$$BEC = 0.1042$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 375.02    | 0.0004 | P    | 7.8 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 25.000   | 21.614     | 5001.09   | 0.0056 | P    | 1.8 |
| 4 | <input type="checkbox"/> | 50.000   | 49.335     | 10793.36  | 0.0122 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 122.928    | 26672.98  | 0.0298 | P    | 4.4 |
| 6 | <input type="checkbox"/> | 250.000  | 248.244    | 52700.40  | 0.0597 | P    | 4.6 |
| 7 | <input type="checkbox"/> | 500.000  | 495.928    | 105995.55 | 0.1188 | P    | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.852   | 210172.13 | 0.2399 | P    | 1.8 |
| 9 | <input type="checkbox"/> |          |            | 8789.13   | 0.0112 | P    | 2.8 |

$$y = 2.3879E-004 * x + 4.2325E-004$$

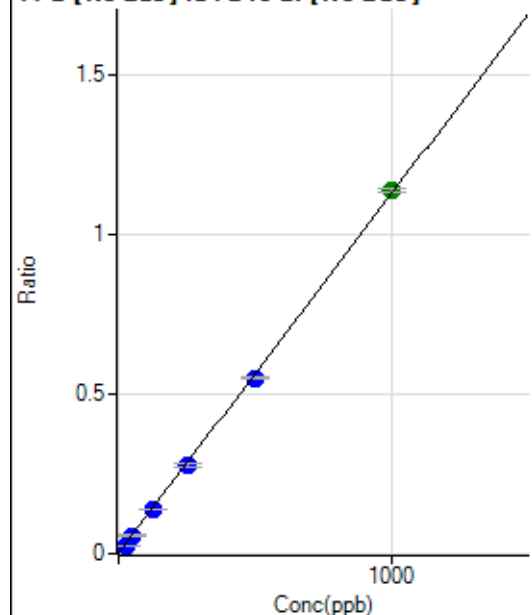
$$R = 1.0000$$

$$DL = 0.416$$

$$BEC = 1.772$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1652.95   | 0.0019 | P    | 15.3 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 21.228     | 23080.45  | 0.0258 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 48.668     | 50144.24  | 0.0567 | P    | 2.3  |
| 5 | <input type="checkbox"/> | 125.000  | 121.933    | 124701.68 | 0.1392 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 245.539    | 245807.50 | 0.2784 | P    | 4.1  |
| 7 | <input type="checkbox"/> | 500.000  | 486.966    | 490859.92 | 0.5504 | P    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1008.176   | 996572.91 | 1.1375 | A    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 39427.56  | 0.0505 | P    | 2.7  |

$$y = 0.0011 * x + 0.0019$$

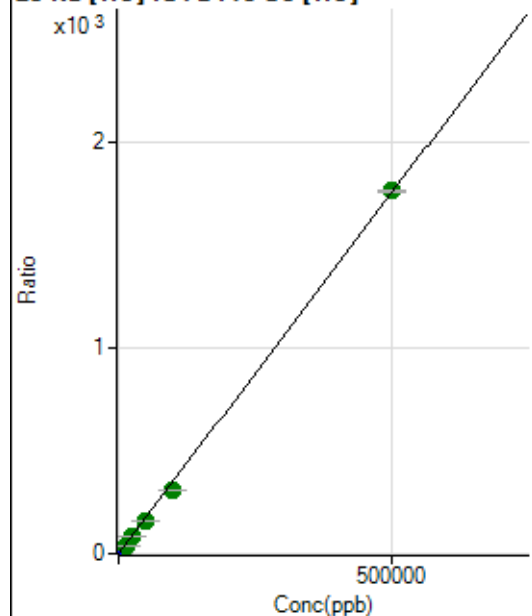
$$R = 0.9999$$

$$DL = 0.7596$$

$$BEC = 1.656$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 8341.68     | 0.2442    | P    | 4.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 431.967    | 61419.59    | 1.7553    | P    | 0.9 |
| 4 | <input type="checkbox"/> | 5000.000  | 4666.663   | 580184.83   | 16.5690   | P    | 1.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 11583.849  | 1452241.88  | 40.7665   | A    | 0.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 22822.107  | 2837035.09  | 80.0799   | A    | 0.8 |
| 7 | <input type="checkbox"/> | 50000.000 | 44850.152  | 5427814.71  | 157.1377  | A    | 1.8 |
| 8 | <input type="checkbox"/> | 100000.00 | 87708.813  | 10586121.24 | 307.0646  | A    | 0.5 |
| 9 | <input type="checkbox"/> | 500000.00 | 503108.42  | 60929551.36 | 1,760.203 | A    | 0.7 |

$$y = 0.0035 * x + 0.2442$$

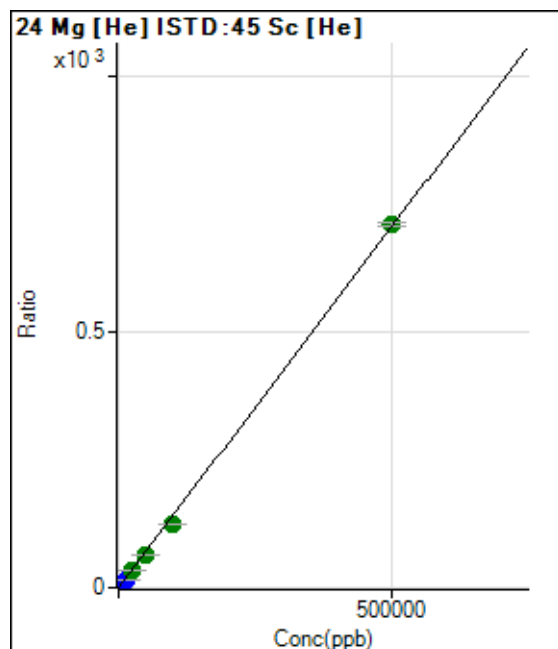
$$R = 0.9997$$

$$DL = 8.3$$

$$BEC = 69.82$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 127.79      | 0.0037   | P    | 29.9 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 429.277    | 21358.39    | 0.6104   | P    | 1.4  |
| 4 | <input type="checkbox"/> | 5000.000  | 4684.612   | 231950.63   | 6.6244   | P    | 1.8  |
| 5 | <input type="checkbox"/> | 12500.000 | 11513.822  | 579772.87   | 16.2760  | P    | 1.1  |
| 6 | <input type="checkbox"/> | 25000.000 | 23168.940  | 1159979.76  | 32.7479  | A    | 2.6  |
| 7 | <input type="checkbox"/> | 50000.000 | 46210.584  | 2256128.28  | 65.3122  | A    | 1.6  |
| 8 | <input type="checkbox"/> | 100000.00 | 88653.915  | 4319538.08  | 125.2965 | A    | 1.0  |
| 9 | <input type="checkbox"/> | 500000.00 | 502767.59  | 24596548.29 | 710.5549 | A    | 0.9  |

$$y = 0.0014 * x + 0.0037$$

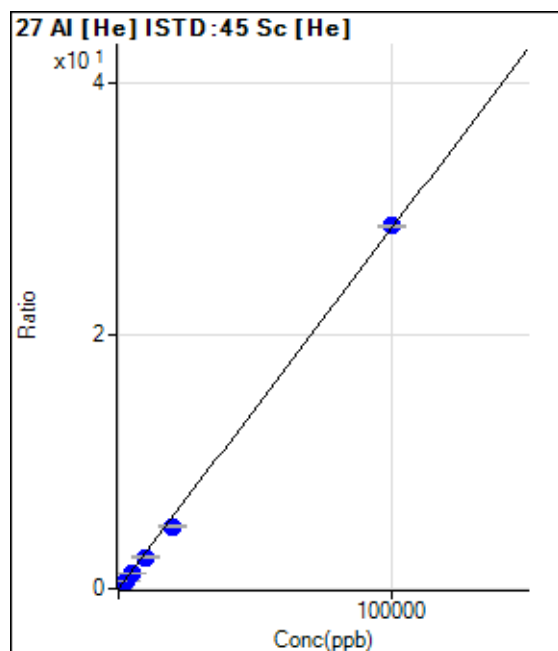
$$R = 0.9997$$

$$DL = 2.363$$

$$BEC = 2.636$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 5.55      | 0.0002  | P    | 86.7 |
| 2 | <input type="checkbox"/> | 2.000     |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 18.668     | 191.68    | 0.0055  | P    | 31.1 |
| 4 | <input type="checkbox"/> | 1000.000  | 903.088    | 9000.48   | 0.2571  | P    | 5.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2199.913   | 22301.58  | 0.6261  | P    | 1.9  |
| 6 | <input type="checkbox"/> | 5000.000  | 4427.876   | 44640.75  | 1.2600  | P    | 0.6  |
| 7 | <input type="checkbox"/> | 10000.000 | 8760.980   | 86116.82  | 2.4928  | P    | 1.6  |
| 8 | <input type="checkbox"/> | 20000.000 | 17278.856  | 169492.09 | 4.9163  | P    | 0.8  |
| 9 | <input type="checkbox"/> | 100000.00 | 100705.20  | 991844.93 | 28.6528 | P    | 0.4  |

$$y = 2.8452E-004 * x + 1.6476E-004$$

$$R = 0.9996$$

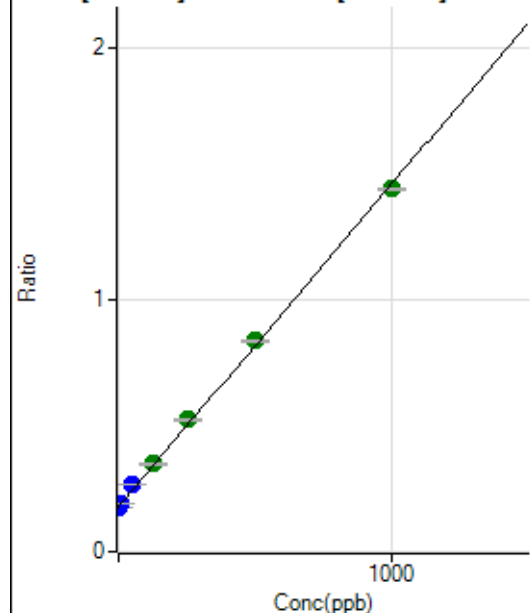
$$DL = 1.506$$

$$BEC = 0.5791$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 603294.53  | 0.1782 | P    | 0.4  |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 10.076     | 652345.78  | 0.1911 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 71.009     | 917002.20  | 0.2691 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 132.378    | 1203562.67 | 0.3476 | A    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 270.424    | 1795259.74 | 0.5241 | A    | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 515.476    | 2917858.51 | 0.8375 | A    | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 985.183    | 4969530.88 | 1.4383 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1935762.28 | 0.6138 | A    | 11.2 |

$$y = 0.0013 * x + 0.1782$$

$$R = 0.9995$$

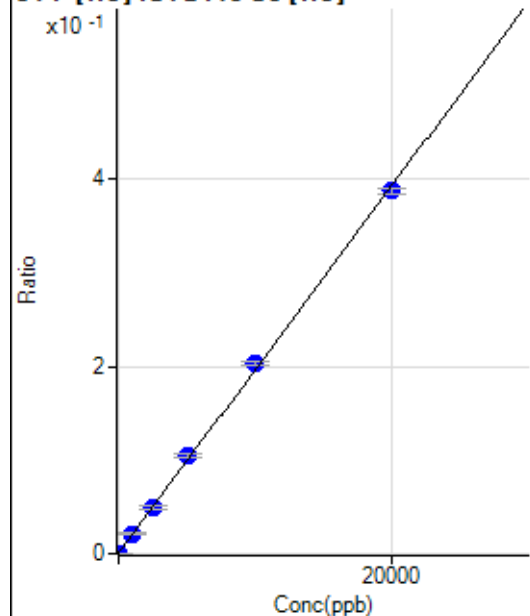
$$DL = 1.657$$

$$BEC = 139.4$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | -5.861     | 11.11    | 0.0003 | P    | 112. |
| 2 | <input type="checkbox"/> | 0.000     |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | 5.861      | 19.44    | 0.0006 | P    | 65.2 |
| 4 | <input type="checkbox"/> | 1000.000  | 1058.599   | 741.72   | 0.0212 | P    | 8.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2520.550   | 1775.20  | 0.0499 | P    | 8.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 5319.892   | 3708.99  | 0.1047 | P    | 5.6  |
| 7 | <input type="checkbox"/> | 10000.000 | 10354.605  | 7027.10  | 0.2034 | P    | 2.3  |
| 8 | <input type="checkbox"/> | 20000.000 | 19737.226  | 13354.03 | 0.3874 | P    | 1.8  |
| 9 | <input type="checkbox"/> |           |            | 27.78    | 0.0008 | P    | 19.3 |

$$y = 1.9605E-005 * x + 4.4000E-004$$

$$R = 0.9996$$

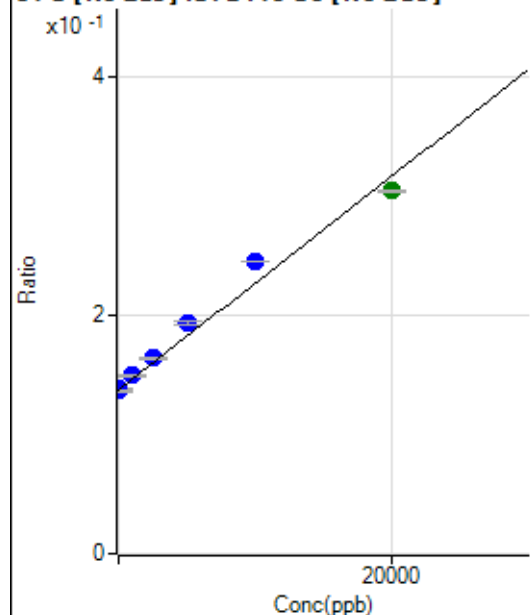
$$DL = 55.69$$

$$BEC = 22.44$$

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     | 110.722    | 469590.57  | 0.1387 | P    | 0.2 |
| 2 | <input type="checkbox"/> | 0.000     |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | -110.722   | 466757.63  | 0.1368 | P    | 1.0 |
| 4 | <input type="checkbox"/> | 1000.000  | 1341.348   | 510481.81  | 0.1498 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 2500.000  | 2969.941   | 569287.70  | 0.1644 | P    | 0.7 |
| 6 | <input type="checkbox"/> | 5000.000  | 6243.803   | 663783.18  | 0.1938 | P    | 1.5 |
| 7 | <input type="checkbox"/> | 10000.000 | 11986.071  | 854655.68  | 0.2453 | P    | 0.2 |
| 8 | <input type="checkbox"/> | 20000.000 | 18620.204  | 1053283.90 | 0.3048 | A    | 0.9 |
| 9 | <input type="checkbox"/> |           |            | 461175.37  | 0.1460 | P    | 8.1 |

$$y = 8.9742\text{E-}006 * x + 0.1377$$

$$R = 0.9898$$

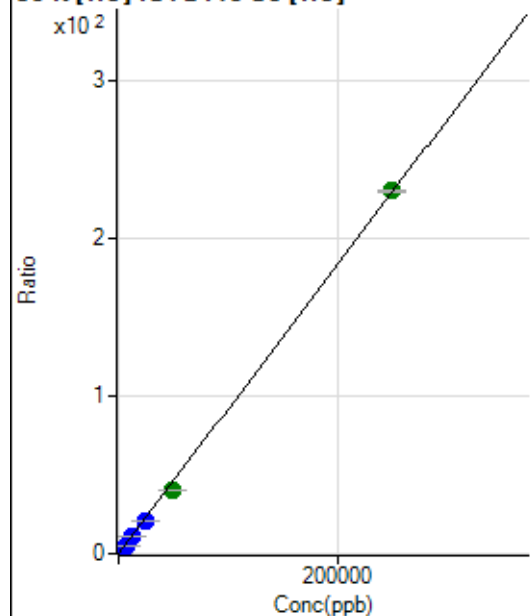
$$DL = 283.1$$

$$BEC = 1.535\text{E}+04$$

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      | 4473.13    | 0.1311   | P    | 7.7 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 425.206    | 18173.58   | 0.5194   | P    | 1.7 |
| 4 | <input type="checkbox"/> | 2500.000  | 2320.741   | 78809.60   | 2.2505   | P    | 0.1 |
| 5 | <input type="checkbox"/> | 6250.000  | 5643.281   | 188246.66  | 5.2847   | P    | 1.3 |
| 6 | <input type="checkbox"/> | 12500.000 | 11285.516  | 369749.11  | 10.4374  | P    | 1.1 |
| 7 | <input type="checkbox"/> | 25000.000 | 22235.753  | 705954.72  | 20.4375  | P    | 1.7 |
| 8 | <input type="checkbox"/> | 50000.000 | 44190.289  | 1395731.40 | 40.4871  | A    | 1.3 |
| 9 | <input type="checkbox"/> | 250000.00 | 251516.20  | 7955488.89 | 229.8237 | A    | 0.4 |

$$y = 9.1323\text{E-}004 * x + 0.1311$$

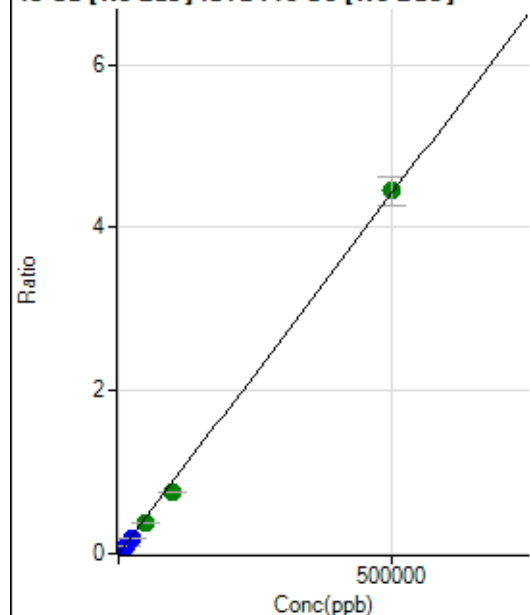
$$R = 0.9997$$

$$DL = 33.18$$

$$BEC = 143.6$$

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      | 4503.69     | 0.0013 | P    | 5.5 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 369.455    | 15667.77    | 0.0046 | P    | 4.3 |
| 4 | <input type="checkbox"/> | 5000.000  | 4210.540   | 131208.94   | 0.0385 | P    | 1.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 10474.625  | 324795.72   | 0.0938 | P    | 0.9 |
| 6 | <input type="checkbox"/> | 25000.000 | 21226.061  | 646358.50   | 0.1887 | P    | 2.1 |
| 7 | <input type="checkbox"/> | 50000.000 | 42084.577  | 1298950.27  | 0.3728 | A    | 0.1 |
| 8 | <input type="checkbox"/> | 100000.00 | 84593.028  | 2584740.18  | 0.7481 | A    | 1.1 |
| 9 | <input type="checkbox"/> | 500000.00 | 504120.29  | 14060051.88 | 4.4515 | A    | 7.9 |

$$y = 8.8277\text{E-}006 * x + 0.0013$$

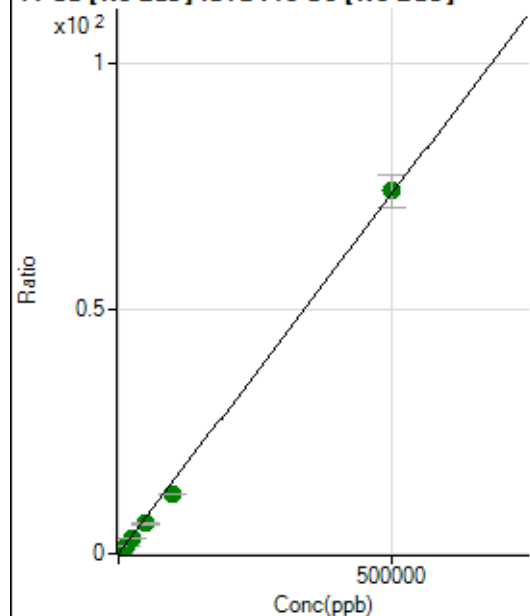
$$R = 0.9995$$

$$DL = 24.92$$

$$BEC = 150.7$$

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      | 78246.03    | 0.0231  | P    | 0.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 378.829    | 268814.82   | 0.0788  | P    | 1.3 |
| 4 | <input type="checkbox"/> | 5000.000  | 4275.549   | 2218984.42  | 0.6511  | A    | 0.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 10386.408  | 5362441.05  | 1.5486  | A    | 0.9 |
| 6 | <input type="checkbox"/> | 25000.000 | 21030.981  | 10659919.77 | 3.1120  | A    | 1.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 41404.233  | 21266789.88 | 6.1043  | A    | 0.7 |
| 8 | <input type="checkbox"/> | 100000.00 | 82740.285  | 42067127.68 | 12.1755 | A    | 0.9 |
| 9 | <input type="checkbox"/> | 500000.00 | 504570.17  | 234037127.4 | 74.1310 | A    | 8.8 |

$$y = 1.4687\text{E-}004 * x + 0.0231$$

$$R = 0.9993$$

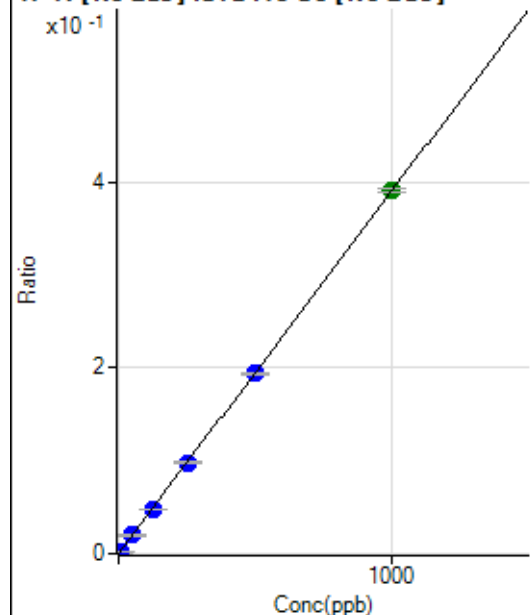
$$DL = 3.557$$

$$BEC = 157.4$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 202.79     | 0.0001 | P    | 17.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.460      | 6140.53    | 0.0018 | P    | 3.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.290     | 67019.66   | 0.0197 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 124.233    | 167917.89  | 0.0485 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 251.529    | 336099.24  | 0.0981 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 496.513    | 674565.14  | 0.1936 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.445   | 1349101.69 | 0.3905 | A    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 1933.56    | 0.0006 | P    | 5.1  |

$$y = 3.8984\text{E-}004 * x + 5.9930\text{E-}005$$

$$R = 1.0000$$

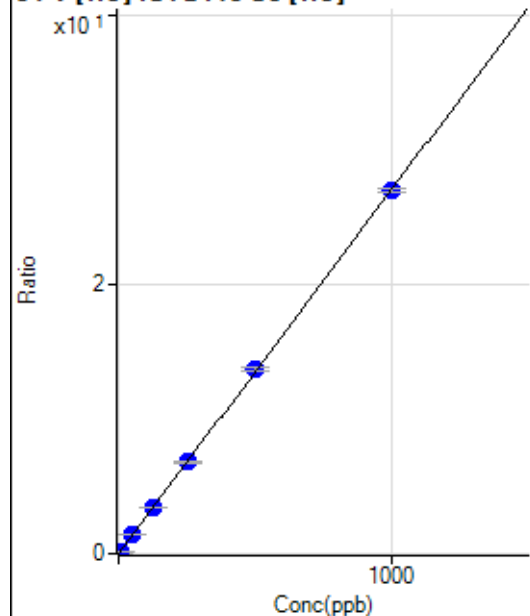
$$DL = 0.08012$$

$$BEC = 0.1537$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 38.89     | 0.0011  | P    | 32.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.695      | 4477.46   | 0.1279  | P    | 4.6  |
| 4 | <input type="checkbox"/> | 50.000   | 50.644     | 47941.99  | 1.3690  | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 125.996    | 121263.72 | 3.4042  | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 251.432    | 240608.03 | 6.7922  | P    | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 505.347    | 471494.07 | 13.6503 | P    | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.814    | 928209.38 | 26.9245 | P    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 703.37    | 0.0203  | P    | 7.8  |

$$y = 0.0270 * x + 0.0011$$

$$R = 1.0000$$

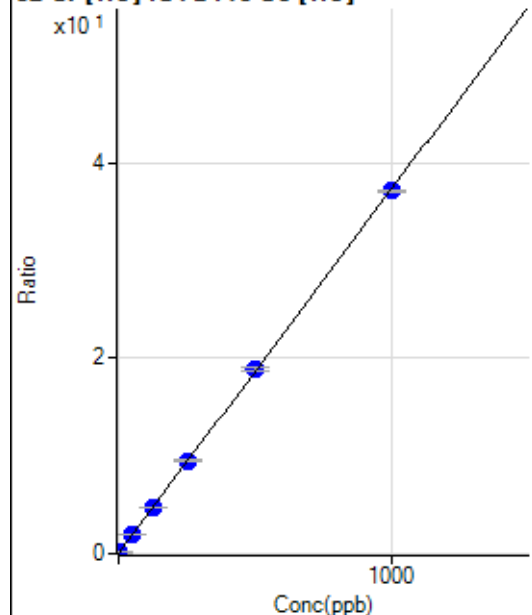
$$DL = 0.04024$$

$$BEC = 0.04181$$

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      | 1013.39    | 0.0297  | P    | 4.3 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.919      | 3542.73    | 0.1012  | P    | 4.0 |
| 4 | <input type="checkbox"/> | 50.000   | 51.325     | 68091.42   | 1.9443  | P    | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 127.386    | 170329.74  | 4.7817  | P    | 1.8 |
| 6 | <input type="checkbox"/> | 250.000  | 254.183    | 336960.61  | 9.5118  | P    | 1.0 |
| 7 | <input type="checkbox"/> | 500.000  | 507.014    | 654350.37  | 18.9436 | P    | 1.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 995.083    | 1280765.42 | 37.1507 | P    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 36688.14   | 1.0602  | P    | 2.7 |

$$y = 0.0373 * x + 0.0297$$

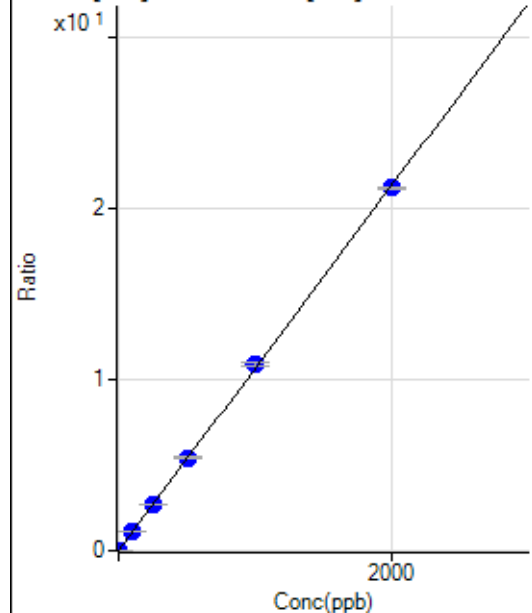
$$R = 1.0000$$

$$DL = 0.1021$$

$$BEC = 0.7953$$

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      | 84.45     | 0.0025  | P    | 9.4  |
| 2 | <input type="checkbox"/> | 0.100    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.017      | 465.57    | 0.0133  | P    | 11.4 |
| 4 | <input type="checkbox"/> | 100.000  | 102.877    | 38473.13  | 1.0987  | P    | 1.4  |
| 5 | <input type="checkbox"/> | 250.000  | 255.291    | 96986.94  | 2.7229  | P    | 2.0  |
| 6 | <input type="checkbox"/> | 500.000  | 510.745    | 192882.00 | 5.4450  | P    | 1.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1017.003   | 374412.75 | 10.8397 | P    | 2.1  |
| 8 | <input type="checkbox"/> | 2000.000 | 1988.007   | 730419.27 | 21.1868 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 3626.09   | 0.1047  | P    | 3.6  |

$$y = 0.0107 * x + 0.0025$$

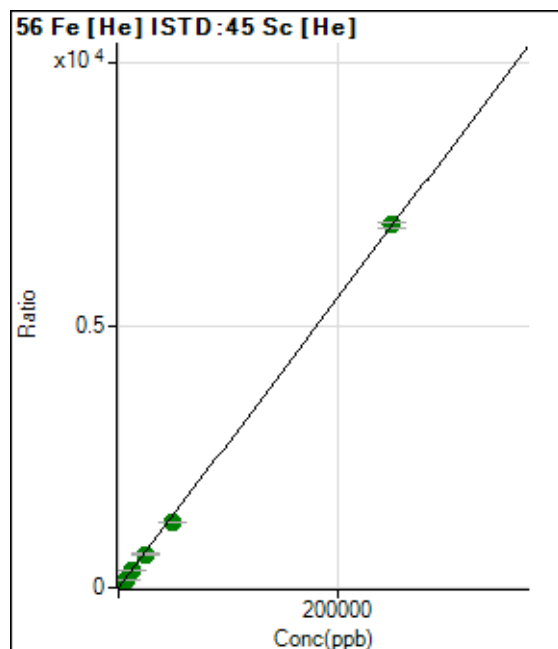
$$R = 0.9999$$

$$DL = 0.06532$$

$$BEC = 0.2319$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 3065.24     | 0.0897    | P    | 4.5 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 43.506     | 45089.91    | 1.2886    | P    | 2.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2431.639   | 2349415.33  | 67.0974   | A    | 1.7 |
| 5 | <input type="checkbox"/> | 6250.000  | 5823.076   | 5719183.69  | 160.5538  | A    | 1.1 |
| 6 | <input type="checkbox"/> | 12500.000 | 11537.947  | 11266080.35 | 318.0362  | A    | 1.6 |
| 7 | <input type="checkbox"/> | 25000.000 | 23126.488  | 22015847.25 | 637.3769  | A    | 1.9 |
| 8 | <input type="checkbox"/> | 50000.000 | 45406.360  | 43139283.37 | 1,251.334 | A    | 0.6 |
| 9 | <input type="checkbox"/> | 250000.00 | 251165.54  | 239557094.2 | 6,921.356 | A    | 1.4 |

$$y = 0.0276 * x + 0.0897$$

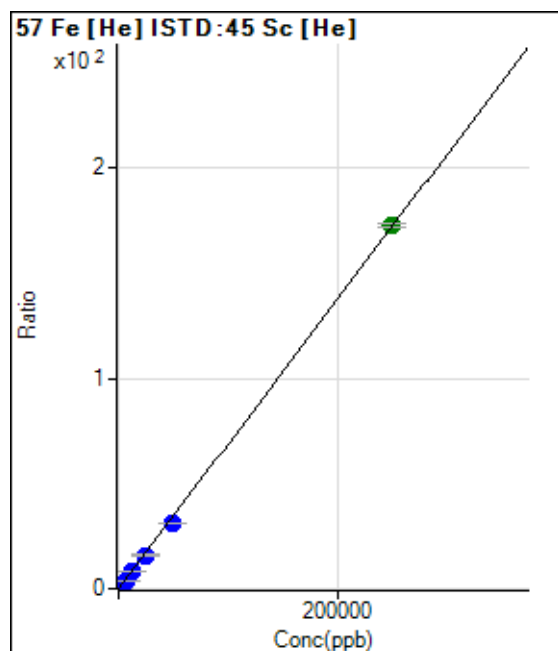
$$R = 0.9998$$

$$DL = 0.4417$$

$$BEC = 3.255$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio    | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|----------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 90.75      | 0.0027   | P    | 35.2 |
| 2 | <input type="checkbox"/> | 5.000     |            |            |          |      |      |
| 3 | <input type="checkbox"/> | 50.000    | 43.563     | 1140.82    | 0.0326   | P    | 1.6  |
| 4 | <input type="checkbox"/> | 2500.000  | 2381.833   | 57388.76   | 1.6389   | P    | 1.1  |
| 5 | <input type="checkbox"/> | 6250.000  | 5849.674   | 143237.05  | 4.0211   | P    | 1.5  |
| 6 | <input type="checkbox"/> | 12500.000 | 11622.460  | 282920.02  | 7.9868   | P    | 1.8  |
| 7 | <input type="checkbox"/> | 25000.000 | 23285.628  | 552647.22  | 15.9988  | P    | 1.6  |
| 8 | <input type="checkbox"/> | 50000.000 | 45656.400  | 1081349.36 | 31.3666  | P    | 0.7  |
| 9 | <input type="checkbox"/> | 250000.00 | 251095.22  | 5970436.42 | 172.4937 | A    | 1.2  |

$$y = 6.8695E-004 * x + 0.0027$$

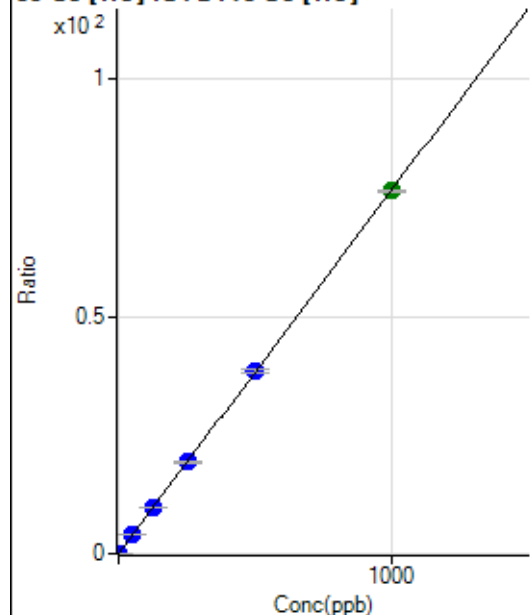
$$R = 0.9998$$

$$DL = 4.117$$

$$BEC = 3.897$$

Weight: <None>

Min Conc: 0

**59 Co [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      | 231.12     | 0.0068  | P    | 8.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.932      | 2734.76    | 0.0782  | P    | 2.4 |
| 4 | <input type="checkbox"/> | 50.000   | 51.462     | 138204.79  | 3.9468  | P    | 1.1 |
| 5 | <input type="checkbox"/> | 125.000  | 125.863    | 343500.78  | 9.6432  | P    | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 252.134    | 684045.49  | 19.3107 | P    | 1.9 |
| 7 | <input type="checkbox"/> | 500.000  | 502.256    | 1328434.89 | 38.4606 | P    | 2.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.158    | 2634835.19 | 76.4280 | A    | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 4980.97    | 0.1439  | P    | 3.7 |

$$y = 0.0766 * x + 0.0068$$

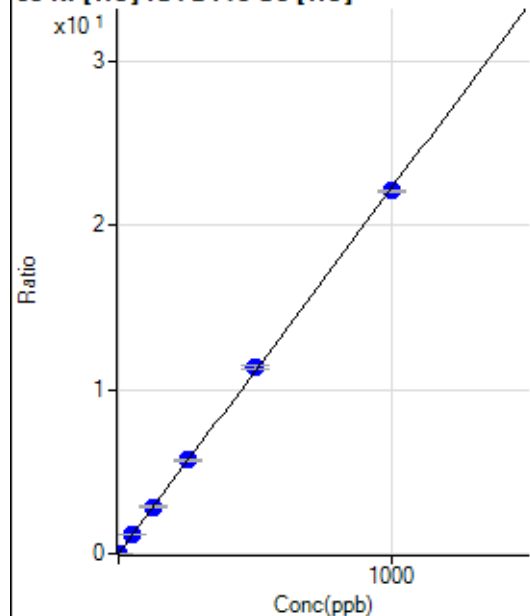
$$R = 1.0000$$

$$DL = 0.02222$$

$$BEC = 0.08848$$

Weight: &lt;None&gt;

Min Conc: 0

**60 Ni [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      | 192.23    | 0.0056  | P    | 12.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.636      | 1469.00   | 0.0420  | P    | 3.8  |
| 4 | <input type="checkbox"/> | 50.000   | 52.607     | 41132.98  | 1.1748  | P    | 2.2  |
| 5 | <input type="checkbox"/> | 125.000  | 128.554    | 101967.70 | 2.8626  | P    | 1.8  |
| 6 | <input type="checkbox"/> | 250.000  | 255.954    | 201714.71 | 5.6940  | P    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 510.090    | 391757.83 | 11.3420 | P    | 2.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.891    | 760932.34 | 22.0720 | P    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 12899.79  | 0.3727  | P    | 2.4  |

$$y = 0.0222 * x + 0.0056$$

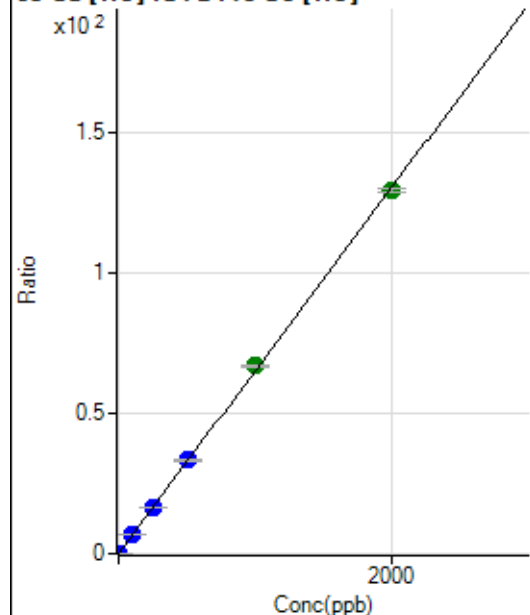
$$R = 0.9999$$

$$DL = 0.09334$$

$$BEC = 0.2528$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio    | Det. | RSD  |
|---|--------------------------|----------|------------|------------|----------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 722.25     | 0.0212   | P    | 10.0 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |          |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.284      | 5953.59    | 0.1701   | P    | 1.8  |
| 4 | <input type="checkbox"/> | 100.000  | 104.610    | 239654.19  | 6.8440   | P    | 1.4  |
| 5 | <input type="checkbox"/> | 250.000  | 256.124    | 595818.42  | 16.7259  | P    | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 510.956    | 1181300.87 | 33.3463  | P    | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1025.976   | 2312192.78 | 66.9366  | A    | 1.6  |
| 8 | <input type="checkbox"/> | 2000.000 | 1983.277   | 4459991.46 | 129.3729 | A    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 10896.64   | 0.3149   | P    | 3.0  |

$$y = 0.0652 * x + 0.0212$$

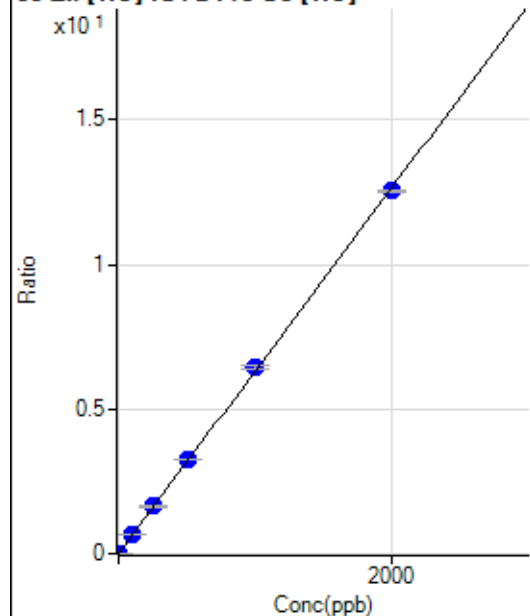
$$R = 0.9999$$

$$DL = 0.09776$$

$$BEC = 0.3244$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 106.67    | 0.0031  | P    | 19.1 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 3.660      | 917.82    | 0.0262  | P    | 1.2  |
| 4 | <input type="checkbox"/> | 100.000  | 104.849    | 23289.76  | 0.6651  | P    | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 257.632    | 58055.36  | 1.6297  | P    | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 513.653    | 114991.91 | 3.2460  | P    | 1.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 1019.520   | 222429.56 | 6.4398  | P    | 2.2  |
| 8 | <input type="checkbox"/> | 2000.000 | 1985.629   | 432285.13 | 12.5392 | P    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 20671.14  | 0.5973  | P    | 2.0  |

$$y = 0.0063 * x + 0.0031$$

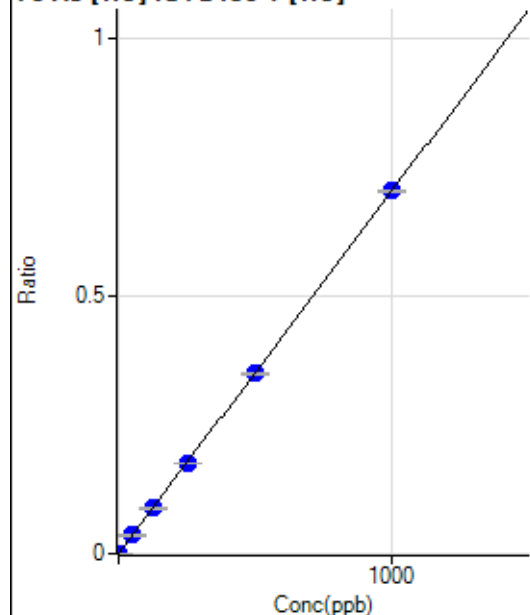
$$R = 0.9999$$

$$DL = 0.2834$$

$$BEC = 0.4944$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 8.03      | 0.0000 | P   | 12.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.966      | 165.43    | 0.0007 | P   | 10.7 |
| 4 | <input type="checkbox"/> | 50.000   | 50.468     | 8227.83   | 0.0356 | P   | 3.9  |
| 5 | <input type="checkbox"/> | 125.000  | 125.347    | 20489.31  | 0.0883 | P   | 1.9  |
| 6 | <input type="checkbox"/> | 250.000  | 249.958    | 41044.71  | 0.1761 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 497.138    | 80786.61  | 0.3501 | P   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.375   | 159544.23 | 0.7052 | P   | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 101.24    | 0.0004 | P   | 14.0 |

$$y = 7.0419\text{E-}004 * x + 3.5485\text{E-}005$$

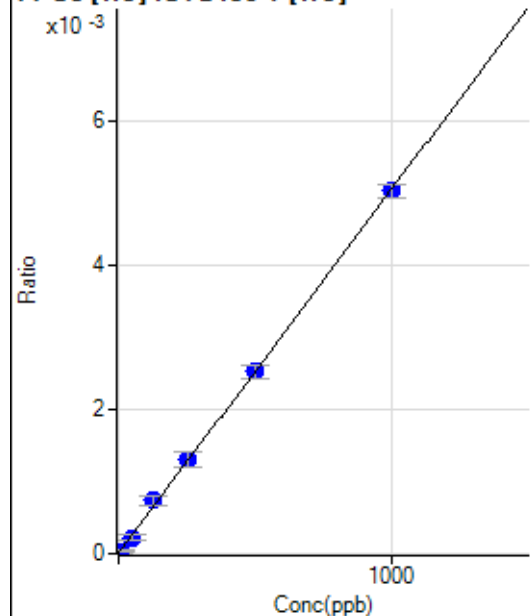
$$R = 1.0000$$

$$DL = 0.01831$$

$$BEC = 0.05039$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|---------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1.11    | 0.0000 | P   | 173. |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 6.653      | 8.89    | 0.0000 | P   | 21.4 |
| 4 | <input type="checkbox"/> | 50.000   | 41.877     | 50.00   | 0.0002 | P   | 35.7 |
| 5 | <input type="checkbox"/> | 125.000  | 145.950    | 172.22  | 0.0007 | P   | 17.6 |
| 6 | <input type="checkbox"/> | 250.000  | 258.765    | 305.57  | 0.0013 | P   | 15.3 |
| 7 | <input type="checkbox"/> | 500.000  | 499.610    | 583.35  | 0.0025 | P   | 7.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.783    | 1138.96 | 0.0050 | P   | 3.9  |
| 9 | <input type="checkbox"/> |          |            | 2.22    | 0.0000 | P   | 86.6 |

$$y = 5.0506\text{E-}006 * x + 4.8430\text{E-}006$$

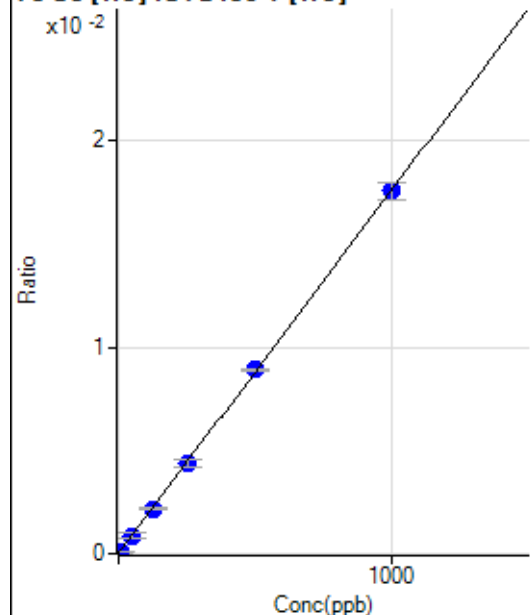
$$R = 0.9997$$

$$DL = 4.983$$

$$BEC = 0.9589$$

Weight: &lt;None&gt;

Min Conc: 0

**78 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      | 4.32    | 0.0000 | P    | 138. |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.118      | 25.31   | 0.0001 | P    | 29.5 |
| 4 | <input type="checkbox"/> | 50.000   | 48.659     | 202.47  | 0.0009 | P    | 24.1 |
| 5 | <input type="checkbox"/> | 125.000  | 122.670    | 504.95  | 0.0022 | P    | 2.2  |
| 6 | <input type="checkbox"/> | 250.000  | 247.966    | 1021.04 | 0.0044 | P    | 8.2  |
| 7 | <input type="checkbox"/> | 500.000  | 504.902    | 2052.64 | 0.0089 | P    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.416    | 3975.30 | 0.0176 | P    | 4.9  |
| 9 | <input type="checkbox"/> |          |            | 4.32    | 0.0000 | P    | 89.4 |

$$y = 1.7580\text{E-}005 * x + 1.9497\text{E-}005$$

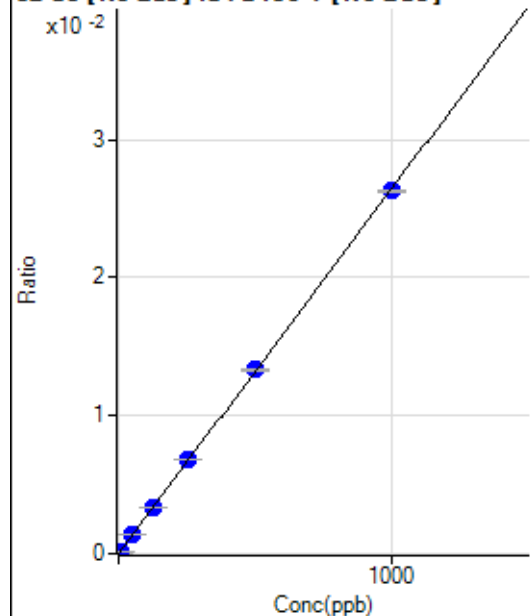
$$R = 1.0000$$

$$DL = 4.618$$

$$BEC = 1.109$$

Weight: &lt;None&gt;

Min Conc: 0

**82 Se [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      | -47.42    | 0.0000 | P    | -83. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.739      | 623.10    | 0.0001 | P    | 5.2  |
| 4 | <input type="checkbox"/> | 50.000   | 52.017     | 7244.55   | 0.0014 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 127.628    | 18240.23  | 0.0034 | P    | 1.6  |
| 6 | <input type="checkbox"/> | 250.000  | 258.179    | 36955.20  | 0.0068 | P    | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 505.120    | 74023.34  | 0.0133 | P    | 1.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.967    | 147276.27 | 0.0263 | P    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 72.17     | 0.0000 | P    | 110. |

$$y = 2.6430\text{E-}005 * x - 8.9959\text{E-}006$$

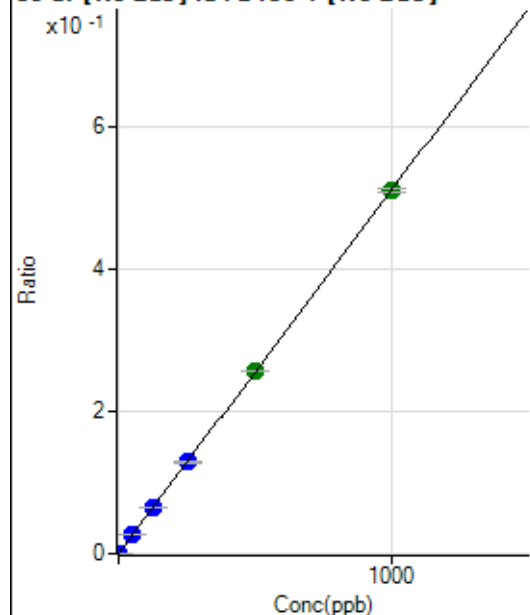
$$R = 0.9999$$

$$DL = 0.8482$$

$$BEC = -0.3404$$

Weight: &lt;None&gt;

Min Conc: 0

**86 Sr [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      | 1372.36    | 0.0003 | P    | 10.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.972      | 4045.23    | 0.0008 | P    | 2.4  |
| 4 | <input type="checkbox"/> | 50.000   | 50.639     | 138338.63  | 0.0261 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 124.924    | 346771.22  | 0.0640 | P    | 1.6  |
| 6 | <input type="checkbox"/> | 250.000  | 251.607    | 697101.49  | 0.1286 | P    | 2.2  |
| 7 | <input type="checkbox"/> | 500.000  | 502.755    | 1423870.48 | 0.2566 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.198    | 2852996.72 | 0.5093 | A    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 106818.99  | 0.0210 | P    | 9.9  |

$$y = 5.0992\text{E-}004 * x + 2.5920\text{E-}004$$

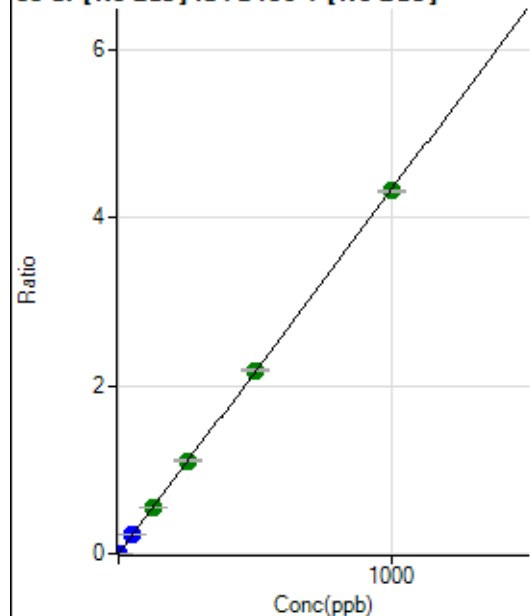
$$R = 1.0000$$

$$DL = 0.1532$$

$$BEC = 0.5083$$

Weight: &lt;None&gt;

Min Conc: 0

**88 Sr [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      | 261.12      | 0.0000 | P    | 8.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.969      | 22806.16    | 0.0043 | P    | 2.3 |
| 4 | <input type="checkbox"/> | 50.000   | 51.190     | 1178574.94  | 0.2222 | P    | 1.3 |
| 5 | <input type="checkbox"/> | 125.000  | 126.865    | 2985338.46  | 0.5506 | A    | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 255.509    | 6013080.60  | 1.1089 | A    | 2.1 |
| 7 | <input type="checkbox"/> | 500.000  | 504.102    | 12138653.05 | 2.1877 | A    | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 996.279    | 24222731.44 | 4.3237 | A    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 909959.76   | 0.1792 | P    | 9.1 |

$$y = 0.0043 * x + 4.9375\text{E-}005$$

$$R = 1.0000$$

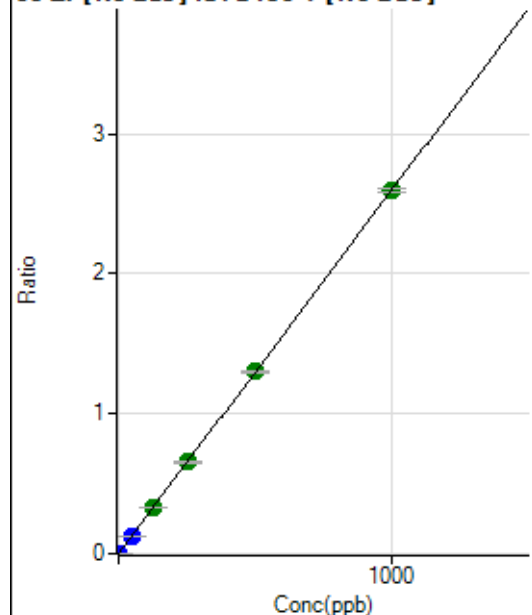
$$DL = 0.002748$$

$$BEC = 0.01138$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 391.69      | 0.0001 | P    | 23.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.968      | 13860.42    | 0.0026 | P    | 3.5  |
| 4 | <input type="checkbox"/> | 50.000   | 48.971     | 674218.22   | 0.1271 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 124.603    | 1753004.01  | 0.3233 | A    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 252.286    | 3549321.48  | 0.6545 | A    | 1.9  |
| 7 | <input type="checkbox"/> | 500.000  | 501.303    | 7215706.15  | 1.3005 | A    | 1.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.878    | 14517529.67 | 2.5913 | A    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 5054.00     | 0.0010 | P    | 14.0 |

$$y = 0.0026 * x + 7.3975E-005$$

$$R = 1.0000$$

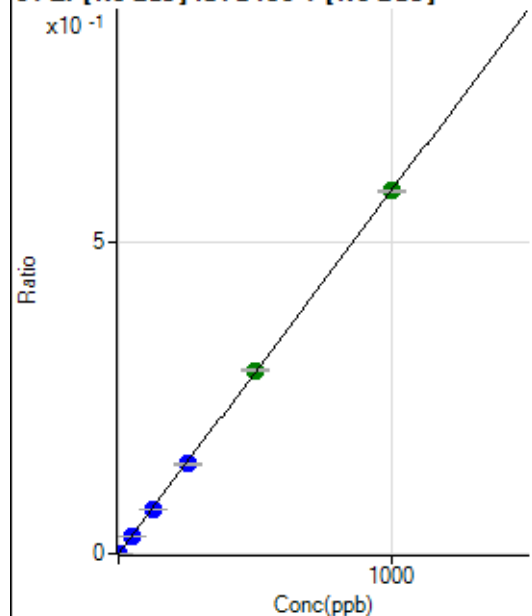
$$DL = 0.02012$$

$$BEC = 0.02852$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 66.67      | 0.0000 | P    | 22.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.887      | 2831.00    | 0.0005 | P    | 5.5  |
| 4 | <input type="checkbox"/> | 50.000   | 48.315     | 149060.12  | 0.0281 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 120.907    | 381199.60  | 0.0703 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 246.516    | 777221.81  | 0.1433 | P    | 2.3  |
| 7 | <input type="checkbox"/> | 500.000  | 504.155    | 1626412.82 | 0.2931 | A    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.389    | 3255329.82 | 0.5811 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1102.87    | 0.0002 | P    | 16.5 |

$$y = 5.8140E-004 * x + 1.2623E-005$$

$$R = 1.0000$$

$$DL = 0.01472$$

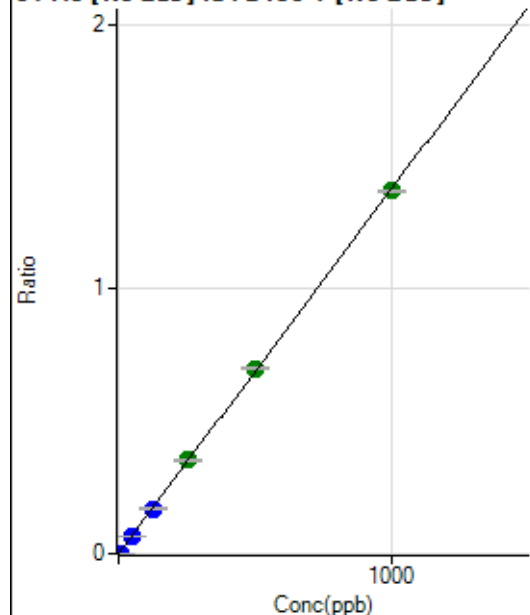
$$BEC = 0.02171$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 280.57     | 0.0001 | P    | 9.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 2.114      | 15907.18   | 0.0030 | P    | 3.6 |
| 4 | <input type="checkbox"/> | 50.000   | 49.535     | 362641.93  | 0.0684 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 123.658    | 924889.99  | 0.1706 | P    | 1.5 |
| 6 | <input type="checkbox"/> | 250.000  | 256.016    | 1914799.87 | 0.3531 | A    | 2.2 |
| 7 | <input type="checkbox"/> | 500.000  | 507.654    | 3884795.79 | 0.7002 | A    | 1.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.874    | 7686922.83 | 1.3721 | A    | 0.9 |
| 9 | <input type="checkbox"/> |          |            | 13610.19   | 0.0027 | P    | 9.6 |

$$y = 0.0014 * x + 5.3063E-005$$

$$R = 0.9999$$

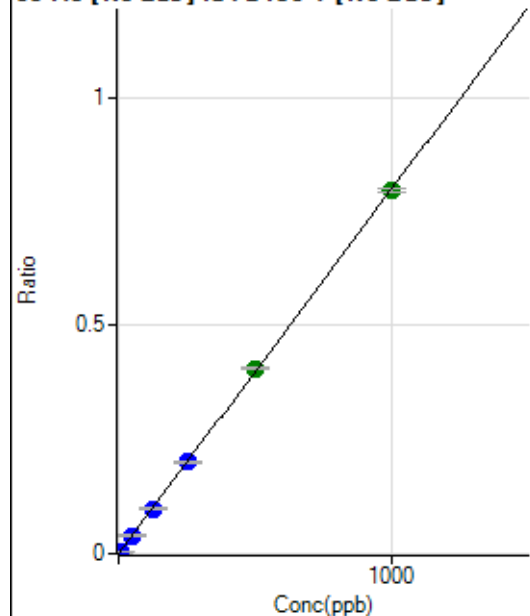
$$DL = 0.01143$$

$$BEC = 0.03848$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 177.79     | 0.0000 | P    | 24.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.443      | 19214.22   | 0.0036 | P    | 1.7  |
| 4 | <input type="checkbox"/> | 50.000   | 49.980     | 212047.56  | 0.0400 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 123.697    | 536178.97  | 0.0989 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 251.997    | 1092224.12 | 0.2014 | P    | 2.4  |
| 7 | <input type="checkbox"/> | 500.000  | 507.925    | 2252416.17 | 0.4060 | A    | 1.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.705    | 4458349.84 | 0.7958 | A    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 20354.92   | 0.0040 | P    | 7.7  |

$$y = 7.9920E-004 * x + 3.3650E-005$$

$$R = 0.9999$$

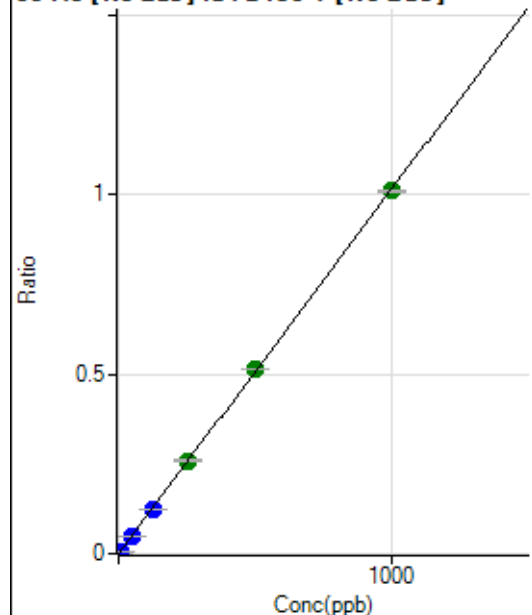
$$DL = 0.03132$$

$$BEC = 0.0421$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 219.46     | 0.0000 | P    | 29.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.915      | 21529.03   | 0.0040 | P    | 0.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.387     | 266143.64  | 0.0502 | P    | 2.3  |
| 5 | <input type="checkbox"/> | 125.000  | 122.999    | 677244.27  | 0.1249 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 254.544    | 1401575.56 | 0.2585 | A    | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 506.509    | 2853291.56 | 0.5142 | A    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.896    | 5664492.83 | 1.0111 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 24556.41   | 0.0048 | P    | 9.9  |

$$y = 0.0010 * x + 4.1471E-005$$

$$R = 0.9999$$

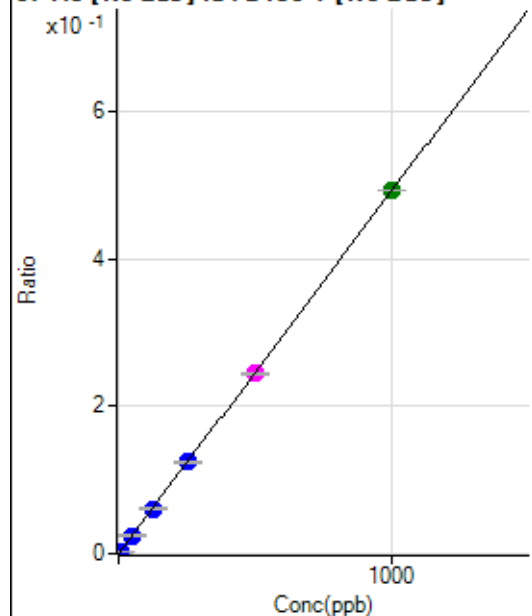
$$DL = 0.03559$$

$$BEC = 0.04085$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 258.35     | 0.0000 | P    | 30.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.401      | 11883.47   | 0.0022 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 50.000   | 50.230     | 131502.50  | 0.0248 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 123.630    | 330443.89  | 0.0609 | P    | 1.5  |
| 6 | <input type="checkbox"/> | 250.000  | 253.830    | 678237.59  | 0.1251 | P    | 2.5  |
| 7 | <input type="checkbox"/> | 500.000  | 497.481    | 1359939.98 | 0.2451 | M    | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.465   | 2761295.85 | 0.4929 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 12356.16   | 0.0024 | P    | 8.7  |

$$y = 4.9259E-004 * x + 4.8921E-005$$

$$R = 1.0000$$

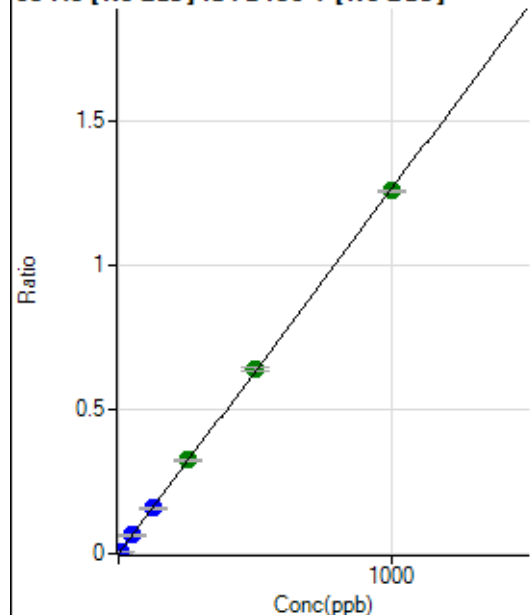
$$DL = 0.09051$$

$$BEC = 0.09931$$

Weight: &lt;None&gt;

Min Conc: 0

98 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      | 252.79     | 0.0000 | P    | 23.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.515      | 30833.39   | 0.0058 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.270     | 337090.22  | 0.0636 | P    | 1.9  |
| 5 | <input type="checkbox"/> | 125.000  | 124.187    | 850874.66  | 0.1569 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 257.933    | 1767141.01 | 0.3259 | A    | 2.3  |
| 7 | <input type="checkbox"/> | 500.000  | 506.222    | 3548586.41 | 0.6396 | A    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.997    | 7042493.99 | 1.2571 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 31072.68   | 0.0061 | P    | 10.3 |

$$y = 0.0013 * x + 4.7751E-005$$

$$R = 0.9999$$

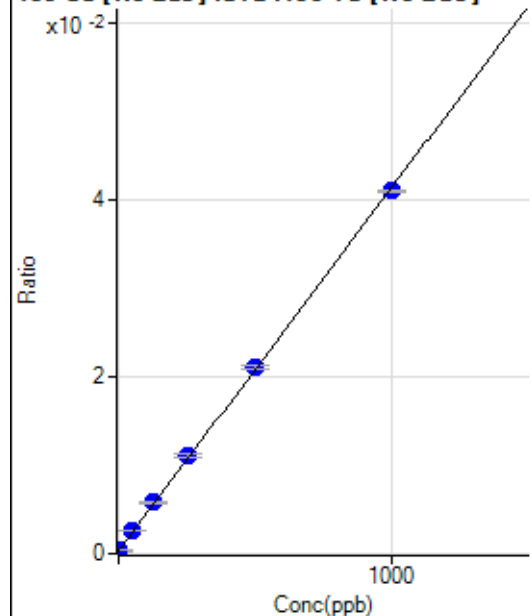
$$DL = 0.02669$$

$$BEC = 0.0378$$

Weight: &lt;None&gt;

Min Conc: 0

106 Cd [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      | 1511.27   | 0.0003 | P    | 9.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.840      | 1686.30   | 0.0003 | P    | 3.7 |
| 4 | <input type="checkbox"/> | 50.000   | 53.599     | 12436.80  | 0.0025 | P    | 0.4 |
| 5 | <input type="checkbox"/> | 125.000  | 133.027    | 29124.22  | 0.0058 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 263.731    | 57256.29  | 0.0111 | P    | 2.9 |
| 7 | <input type="checkbox"/> | 500.000  | 507.461    | 112371.02 | 0.0211 | P    | 1.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.654    | 225259.27 | 0.0410 | P    | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 1405.70   | 0.0003 | P    | 9.0 |

$$y = 4.0990E-005 * x + 3.0971E-004$$

$$R = 0.9998$$

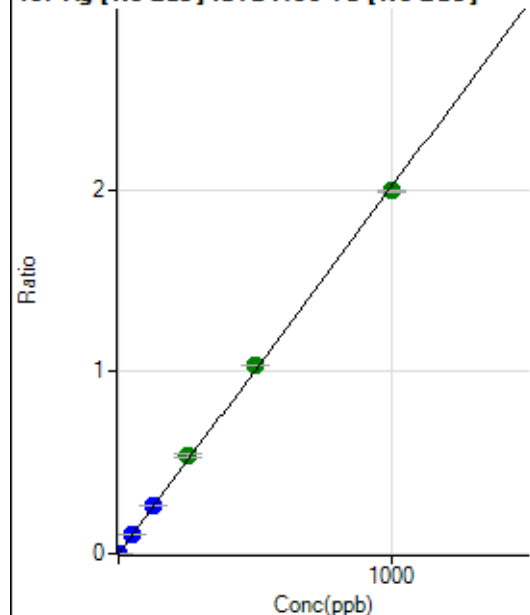
$$DL = 2.092$$

$$BEC = 7.556$$

Weight: &lt;None&gt;

Min Conc: 0

107 Ag [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      | 61.12       | 0.0000 | P    | 48.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.298      | 12884.53    | 0.0026 | P    | 2.2  |
| 4 | <input type="checkbox"/> | 50.000   | 52.496     | 525243.84   | 0.1059 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 130.430    | 1329589.37  | 0.2631 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 265.888    | 2761075.21  | 0.5363 | A    | 3.5  |
| 7 | <input type="checkbox"/> | 500.000  | 512.589    | 5503481.29  | 1.0338 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 988.930    | 10969542.78 | 1.9945 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 2308.67     | 0.0005 | P    | 6.0  |

$$y = 0.0020 * x + 1.2540E-005$$

$$R = 0.9997$$

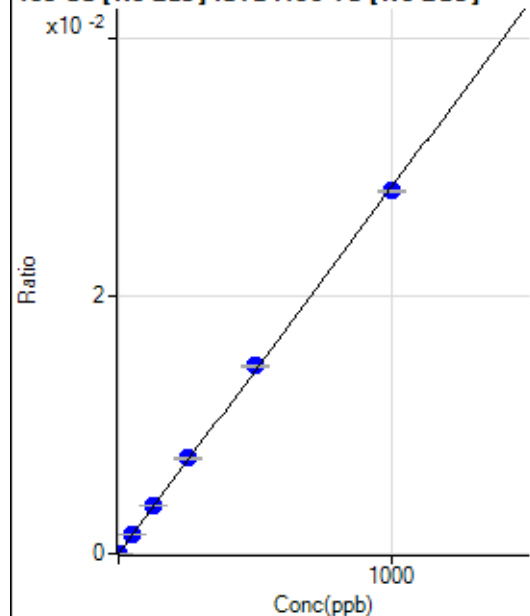
$$DL = 0.009011$$

$$BEC = 0.006217$$

Weight: &lt;None&gt;

Min Conc: 0

108 Cd [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      | 19.44     | 0.0000 | P    | 33.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.928      | 148.62    | 0.0000 | P    | 3.3  |
| 4 | <input type="checkbox"/> | 50.000   | 52.487     | 7406.36   | 0.0015 | P    | 2.5  |
| 5 | <input type="checkbox"/> | 125.000  | 131.905    | 18934.43  | 0.0037 | P    | 2.3  |
| 6 | <input type="checkbox"/> | 250.000  | 259.798    | 37980.12  | 0.0074 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 512.133    | 77373.76  | 0.0145 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.497    | 154579.08 | 0.0281 | P    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 68.06     | 0.0000 | P    | 23.2 |

$$y = 2.8373E-005 * x + 3.9885E-006$$

$$R = 0.9998$$

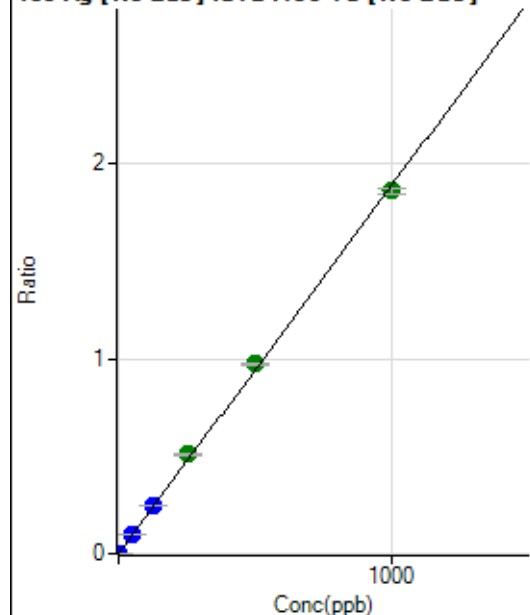
$$DL = 0.1391$$

$$BEC = 0.1406$$

Weight: &lt;None&gt;

Min Conc: 0

109 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      | 72.23       | 0.0000 | P    | 26.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.289      | 12008.68    | 0.0025 | P    | 2.6  |
| 4 | <input type="checkbox"/> | 50.000   | 53.513     | 501681.36   | 0.1011 | P    | 2.3  |
| 5 | <input type="checkbox"/> | 125.000  | 131.953    | 1260359.25  | 0.2494 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 270.679    | 2633927.30  | 0.5115 | A    | 2.6  |
| 7 | <input type="checkbox"/> | 500.000  | 515.551    | 5186437.01  | 0.9743 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 986.009    | 10247590.68 | 1.8633 | A    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 2072.50     | 0.0004 | P    | 15.0 |

$$y = 0.0019 * x + 1.4804E-005$$

$$R = 0.9996$$

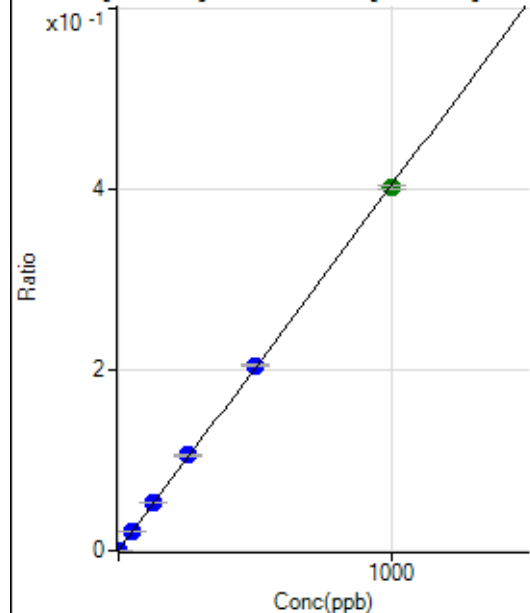
$$DL = 0.006264$$

$$BEC = 0.007834$$

Weight: &lt;None&gt;

Min Conc: 0

111 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      | 1116.51    | 0.0002 | P    | 9.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.965      | 3034.90    | 0.0006 | P    | 4.7 |
| 4 | <input type="checkbox"/> | 50.000   | 52.510     | 106567.95  | 0.0215 | P    | 1.6 |
| 5 | <input type="checkbox"/> | 125.000  | 131.088    | 269323.76  | 0.0533 | P    | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 261.703    | 546591.62  | 0.1062 | P    | 2.7 |
| 7 | <input type="checkbox"/> | 500.000  | 506.609    | 1092770.22 | 0.2053 | P    | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.883    | 2211431.76 | 0.4021 | A    | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 1515.54    | 0.0003 | P    | 8.8 |

$$y = 4.0475E-004 * x + 2.2881E-004$$

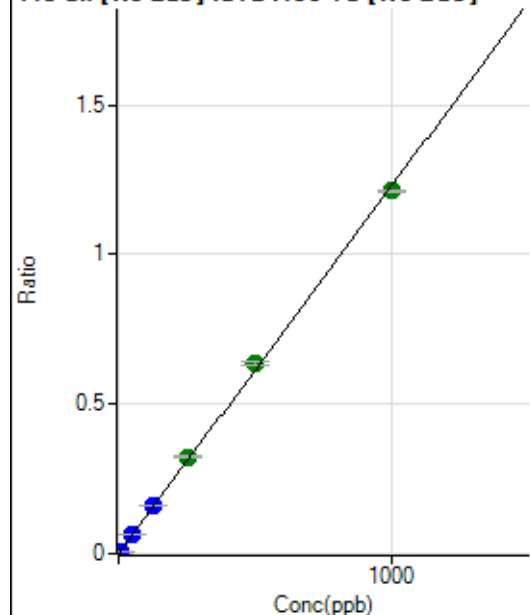
$$R = 0.9999$$

$$DL = 0.1551$$

$$BEC = 0.5653$$

Weight: &lt;None&gt;

Min Conc: 0

**118 Sn [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      | 850.07     | 0.0002 | P    | 4.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.801      | 29745.25   | 0.0061 | P    | 1.9 |
| 4 | <input type="checkbox"/> | 50.000   | 52.364     | 319900.81  | 0.0645 | P    | 1.3 |
| 5 | <input type="checkbox"/> | 125.000  | 130.047    | 808115.46  | 0.1599 | P    | 1.1 |
| 6 | <input type="checkbox"/> | 250.000  | 262.961    | 1663909.24 | 0.3231 | A    | 2.5 |
| 7 | <input type="checkbox"/> | 500.000  | 517.983    | 3387492.57 | 0.6364 | A    | 1.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 987.020    | 6668071.25 | 1.2124 | A    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 8739.40    | 0.0018 | P    | 6.3 |

$$y = 0.0012 * x + 1.7420E-004$$

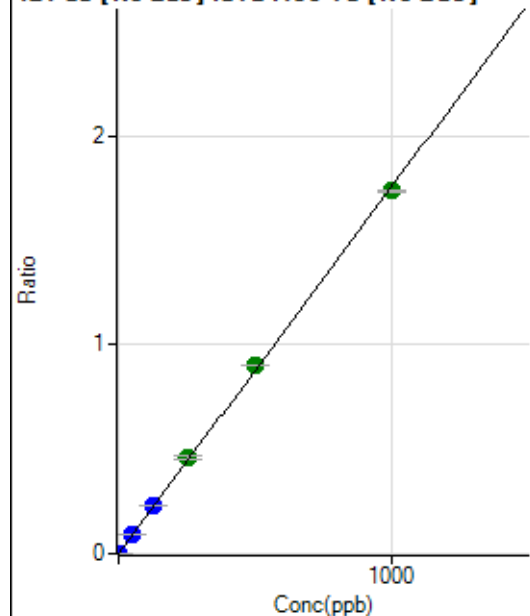
$$R = 0.9997$$

$$DL = 0.02077$$

$$BEC = 0.1418$$

Weight: &lt;None&gt;

Min Conc: 0

**121 Sb [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      | 38.89      | 0.0000 | P    | 49.8 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.921      | 16580.36   | 0.0034 | P    | 3.2  |
| 4 | <input type="checkbox"/> | 50.000   | 52.491     | 457707.47  | 0.0923 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 130.145    | 1156183.02 | 0.2288 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 262.335    | 2373692.07 | 0.4611 | A    | 4.3  |
| 7 | <input type="checkbox"/> | 500.000  | 513.811    | 4807551.80 | 0.9031 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 989.243    | 9562704.21 | 1.7387 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 23513.45   | 0.0049 | P    | 7.7  |

$$y = 0.0018 * x + 7.9844E-006$$

$$R = 0.9998$$

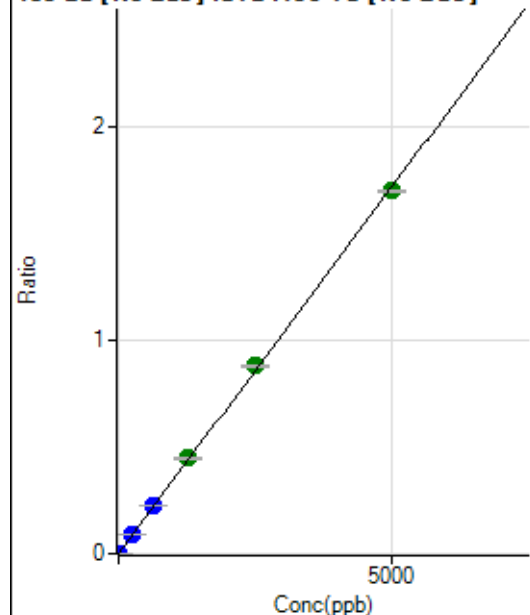
$$DL = 0.006781$$

$$BEC = 0.004543$$

Weight: &lt;None&gt;

Min Conc: 0

135 Ba [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      | 169.46     | 0.0000 | P    | 12.0 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.393      | 15974.22   | 0.0033 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 250.000  | 259.988    | 443048.65  | 0.0893 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 625.000  | 646.272    | 1121768.70 | 0.2219 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 1250.000 | 1300.747   | 2300143.26 | 0.4467 | A    | 2.0  |
| 7 | <input type="checkbox"/> | 2500.000 | 2563.927   | 4686598.71 | 0.8804 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 4952.192   | 9352148.65 | 1.7004 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 4870.57    | 0.0010 | P    | 15.6 |

$$y = 3.4336\text{E-}004 * x + 3.4722\text{E-}005$$

$$R = 0.9998$$

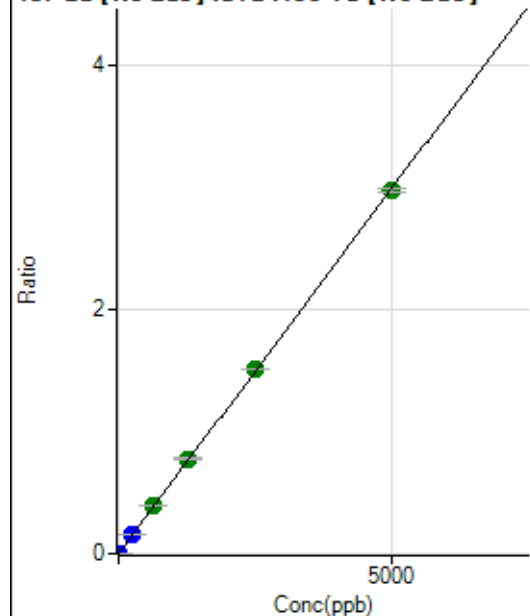
$$DL = 0.0364$$

$$BEC = 0.1011$$

Weight: &lt;None&gt;

Min Conc: 0

137 Ba [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      | 263.91      | 0.0001 | P    | 4.6 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 9.493      | 28066.91    | 0.0057 | P    | 2.3 |
| 4 | <input type="checkbox"/> | 250.000  | 259.982    | 771115.42   | 0.1554 | P    | 1.3 |
| 5 | <input type="checkbox"/> | 625.000  | 649.312    | 1961761.22  | 0.3881 | A    | 0.3 |
| 6 | <input type="checkbox"/> | 1250.000 | 1297.744   | 3994321.10  | 0.7757 | A    | 2.5 |
| 7 | <input type="checkbox"/> | 2500.000 | 2525.070   | 8034531.95  | 1.5093 | A    | 0.2 |
| 8 | <input type="checkbox"/> | 5000.000 | 4971.992   | 16344536.48 | 2.9718 | A    | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 8731.14     | 0.0018 | P    | 6.5 |

$$y = 5.9769\text{E-}004 * x + 5.4088\text{E-}005$$

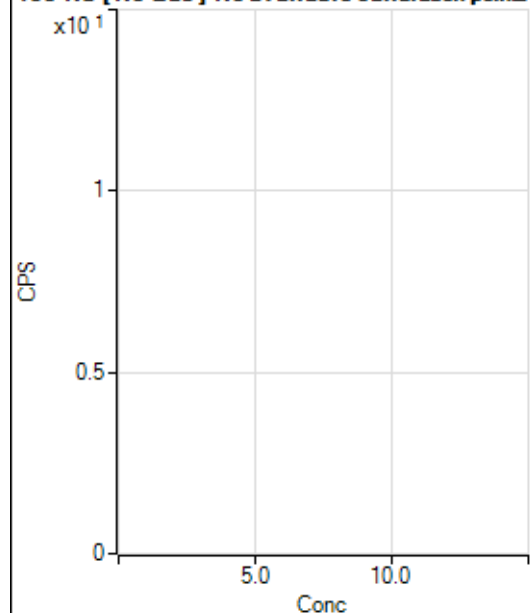
$$R = 0.9999$$

$$DL = 0.01262$$

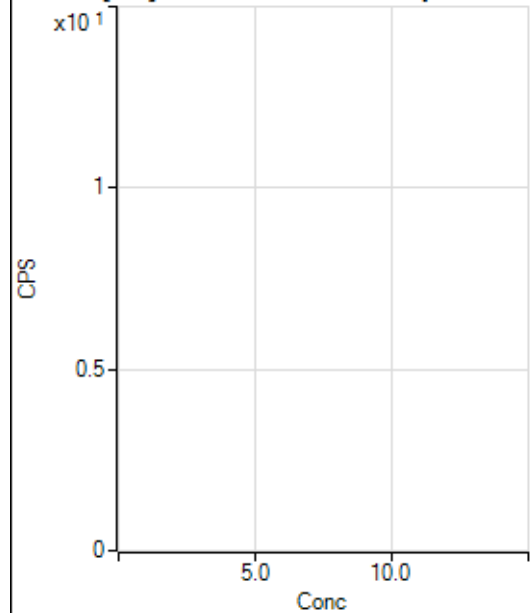
$$BEC = 0.09049$$

Weight: &lt;None&gt;

Min Conc: 0

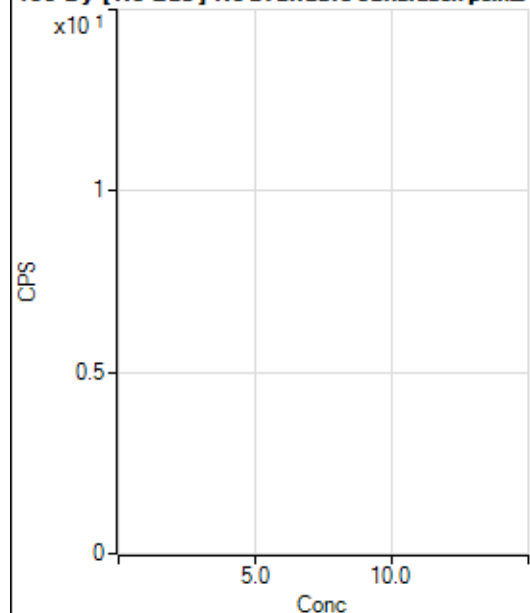
**150 Nd [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.45   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 17.78  |       | P        | 108. |
| 4 | <input type="checkbox"/> |       |            | 15.55  |       | P        | 107. |
| 5 | <input type="checkbox"/> |       |            | 53.34  |       | P        | 25.0 |
| 6 | <input type="checkbox"/> |       |            | 97.78  |       | P        | 30.7 |
| 7 | <input type="checkbox"/> |       |            | 213.34 |       | P        | 22.5 |
| 8 | <input type="checkbox"/> |       |            | 295.57 |       | P        | 13.2 |
| 9 | <input type="checkbox"/> |       |            | 131.12 |       | P        | 2.9  |

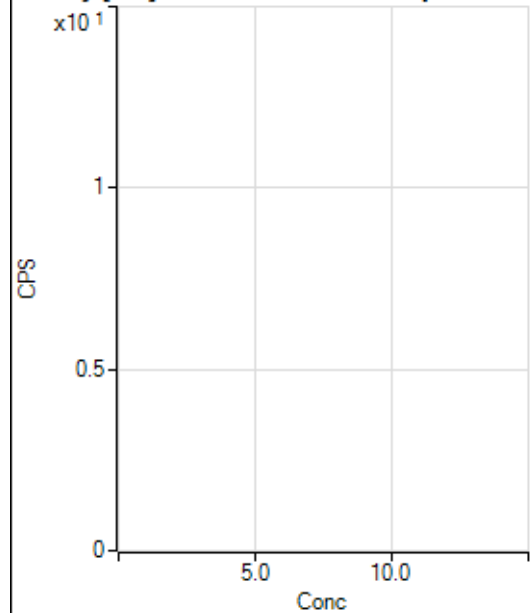
**150 Nd [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 4 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 5 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 6 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 21.6 |
| 7 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 57.7 |
| 8 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4 |
| 9 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 18.2 |

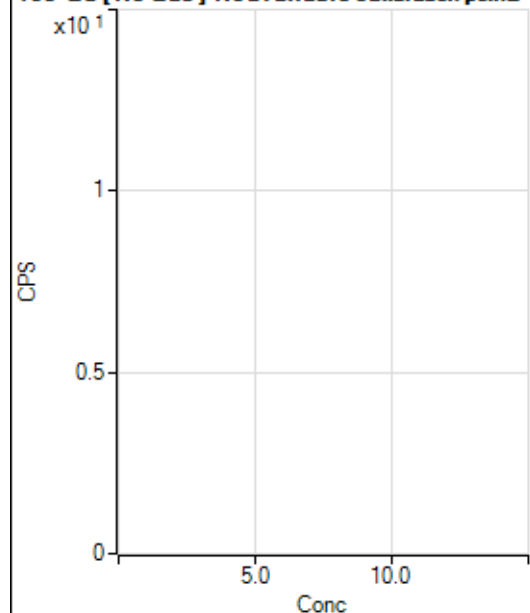


**156 Dy [ No Gas ] No available calibration points**

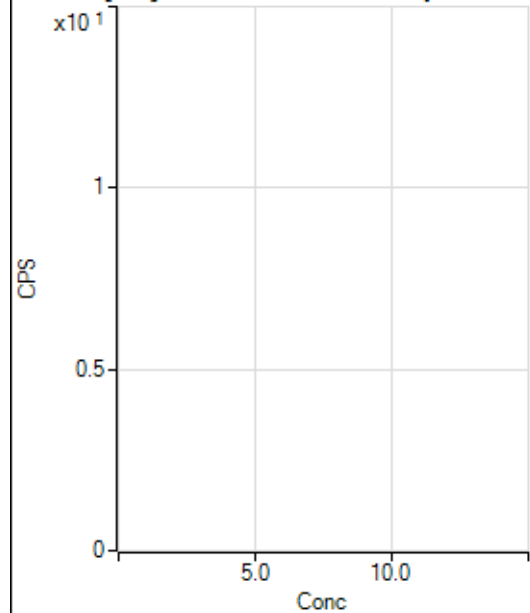
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 30.56  |       | P        | 41.7 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 2.78   |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 0.0  |
| 5 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 66.2 |
| 6 | <input type="checkbox"/> |       |            | 63.89  |       | P        | 60.2 |
| 7 | <input type="checkbox"/> |       |            | 72.23  |       | P        | 76.8 |
| 8 | <input type="checkbox"/> |       |            | 127.78 |       | P        | 10.0 |
| 9 | <input type="checkbox"/> |       |            | 127.78 |       | P        | 39.8 |

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

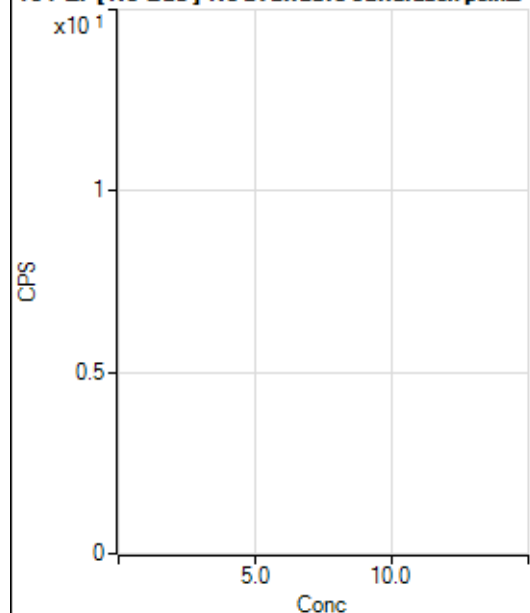
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100. |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 5 | <input type="checkbox"/> |       |            | 5.55  |       | P        | 69.3 |
| 6 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 49.5 |
| 7 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0 |
| 8 | <input type="checkbox"/> |       |            | 18.89 |       | P        | 20.4 |
| 9 | <input type="checkbox"/> |       |            | 25.55 |       | P        | 15.1 |

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

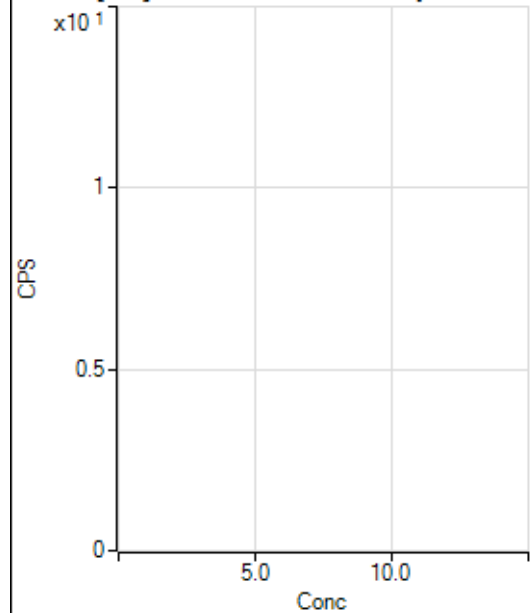
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 47.22  |       | P        | 36.7 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 63.89  |       | P        | 39.8 |
| 4 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 18.3 |
| 5 | <input type="checkbox"/> |       |            | 113.90 |       | P        | 44.7 |
| 6 | <input type="checkbox"/> |       |            | 75.00  |       | P        | 19.2 |
| 7 | <input type="checkbox"/> |       |            | 133.34 |       | P        | 12.5 |
| 8 | <input type="checkbox"/> |       |            | 133.34 |       | P        | 21.6 |
| 9 | <input type="checkbox"/> |       |            | 150.01 |       | P        | 28.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 69.3 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 53.9 |
| 4 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 91.6 |
| 5 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 49.5 |
| 6 | <input type="checkbox"/> |       |            | 18.89 |       | P        | 53.9 |
| 7 | <input type="checkbox"/> |       |            | 16.66 |       | P        | 69.3 |
| 8 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 56.8 |
| 9 | <input type="checkbox"/> |       |            | 34.45 |       | P        | 31.1 |

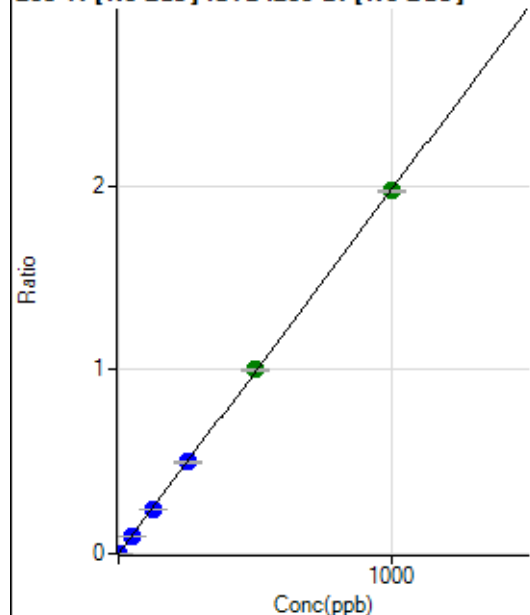
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 19.44 |       | P        | 49.5 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 25.00 |       | P        | 66.7 |
| 4 | <input type="checkbox"/> |       |            | 41.67 |       | P        | 20.0 |
| 5 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 50.0 |
| 6 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 50.0 |
| 7 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 108. |
| 8 | <input type="checkbox"/> |       |            | 66.67 |       | P        | 21.7 |
| 9 | <input type="checkbox"/> |       |            | 63.89 |       | P        | 54.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 100. |
| 4 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 89.2 |
| 5 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 108. |
| 6 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 45.8 |
| 7 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 56.8 |
| 8 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 33.3 |
| 9 | <input type="checkbox"/> |       |            | 25.55 |       | P        | 27.1 |

203 Tl [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      | 336.13     | 0.0001 | P    | 25.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.900      | 4940.11    | 0.0019 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.641     | 254697.34  | 0.0983 | P    | 2.0  |
| 5 | <input type="checkbox"/> | 125.000  | 122.976    | 643427.35  | 0.2433 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 251.754    | 1331877.92 | 0.4980 | P    | 2.5  |
| 7 | <input type="checkbox"/> | 500.000  | 505.736    | 2800188.47 | 1.0003 | A    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.965    | 5606675.99 | 1.9719 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 3136.66    | 0.0013 | P    | 4.1  |

$$y = 0.0020 * x + 1.2930E-004$$

$$R = 1.0000$$

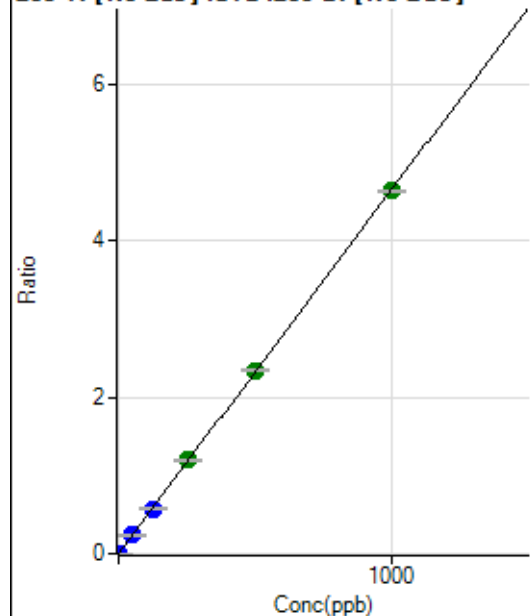
$$DL = 0.05041$$

$$BEC = 0.06538$$

Weight: &lt;None&gt;

Min Conc: 0

205 Tl [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      | 694.50      | 0.0003 | P    | 7.4  |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.948      | 12086.82    | 0.0047 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 50.000   | 50.625     | 610640.10   | 0.2357 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 123.632    | 1520858.85  | 0.5752 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 256.783    | 3194543.41  | 1.1944 | A    | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 502.650    | 6543760.52  | 2.3378 | A    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.119    | 13185216.27 | 4.6372 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 7466.45     | 0.0032 | P    | 10.4 |

$$y = 0.0047 * x + 2.6663E-004$$

$$R = 1.0000$$

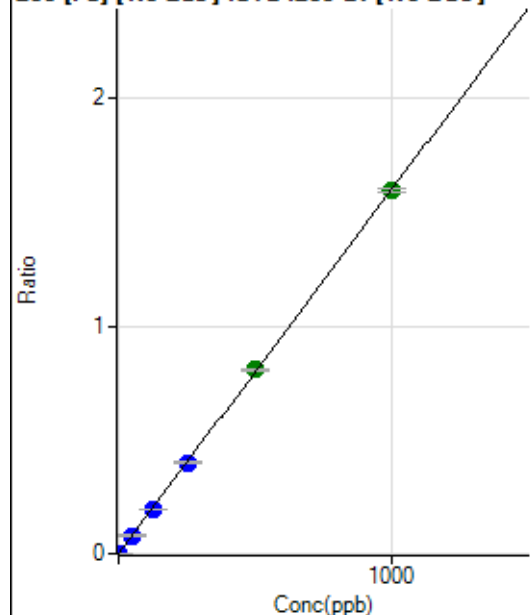
$$DL = 0.01277$$

$$BEC = 0.05733$$

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<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 542.62     | 0.0002 | P        | 2.7  |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.993      | 4638.02    | 0.0018 | P        | 4.7  |
| 4 | <input type="checkbox"/> | 50.000   | 49.620     | 205798.14  | 0.0794 | P        | 2.4  |
| 5 | <input type="checkbox"/> | 125.000  | 122.704    | 518573.01  | 0.1961 | P        | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 250.278    | 1069322.53 | 0.3998 | P        | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 506.135    | 2262786.74 | 0.8083 | A        | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.169    | 4527616.07 | 1.5924 | A        | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 11490.69   | 0.0049 | P        | 10.8 |

$$y = 0.0016 * x + 2.0838E-004$$

$$R = 1.0000$$

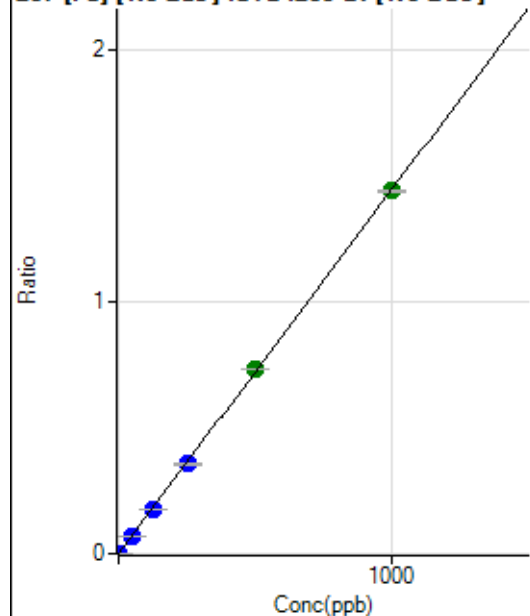
$$DL = 0.01058$$

$$BEC = 0.1305$$

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<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 555.59     | 0.0002 | P        | 4.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.998      | 4282.33    | 0.0017 | P        | 5.3 |
| 4 | <input type="checkbox"/> | 50.000   | 48.966     | 183861.83  | 0.0710 | P        | 1.5 |
| 5 | <input type="checkbox"/> | 125.000  | 123.081    | 470806.96  | 0.1780 | P        | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 247.504    | 957003.77  | 0.3578 | P        | 2.1 |
| 7 | <input type="checkbox"/> | 500.000  | 506.736    | 2050220.97 | 0.7324 | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.548    | 4098840.34 | 1.4415 | A        | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 9770.73    | 0.0041 | P        | 7.5 |

$$y = 0.0014 * x + 2.1334E-004$$

$$R = 1.0000$$

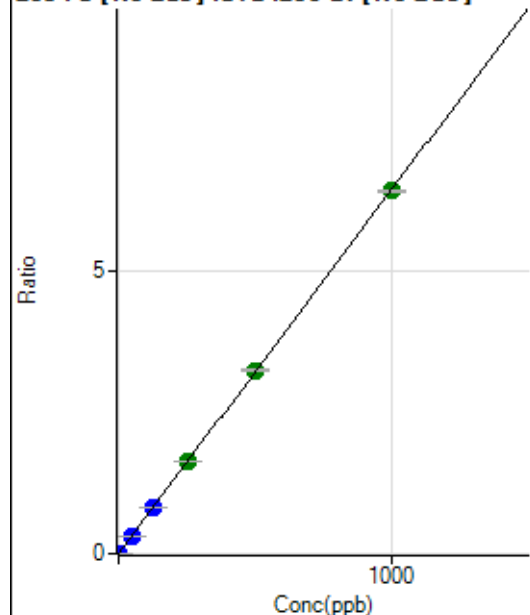
$$DL = 0.02054$$

$$BEC = 0.1477$$

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      | 2359.42     | 0.0009 | P   | 2.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.999      | 18913.52    | 0.0073 | P   | 1.4 |
| 4 | <input type="checkbox"/> | 50.000   | 49.532     | 825669.68   | 0.3187 | P   | 1.6 |
| 5 | <input type="checkbox"/> | 125.000  | 124.483    | 2114073.99  | 0.7995 | P   | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 253.448    | 4351146.55  | 1.6269 | A   | 1.7 |
| 7 | <input type="checkbox"/> | 500.000  | 504.343    | 9059769.56  | 3.2364 | A   | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.055    | 18189795.51 | 6.3974 | A   | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 44804.12    | 0.0190 | P   | 9.8 |

$$y = 0.0064 * x + 9.0624E-004$$

$$R = 1.0000$$

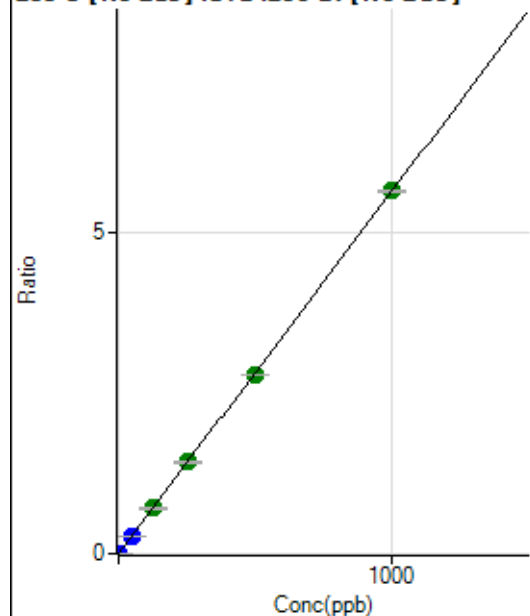
$$DL = 0.009474$$

$$BEC = 0.1413$$

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      | 925.08      | 0.0004 | P   | 7.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.868      | 13602.50    | 0.0053 | P   | 1.7 |
| 4 | <input type="checkbox"/> | 50.000   | 48.391     | 709492.12   | 0.2738 | P   | 1.4 |
| 5 | <input type="checkbox"/> | 125.000  | 124.934    | 1867769.55  | 0.7064 | A   | 1.4 |
| 6 | <input type="checkbox"/> | 250.000  | 253.486    | 3832461.89  | 1.4329 | A   | 1.7 |
| 7 | <input type="checkbox"/> | 500.000  | 493.723    | 7811871.44  | 2.7906 | A   | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.356   | 16107481.09 | 5.6650 | A   | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 4087.02     | 0.0017 | P   | 5.8 |

$$y = 0.0057 * x + 3.5529E-004$$

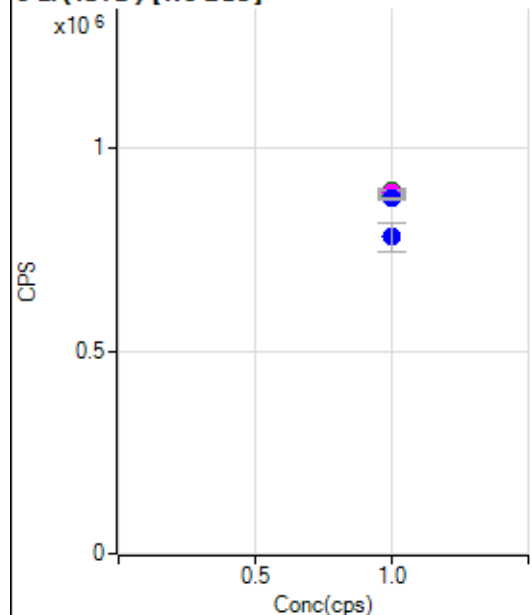
$$R = 1.0000$$

$$DL = 0.01442$$

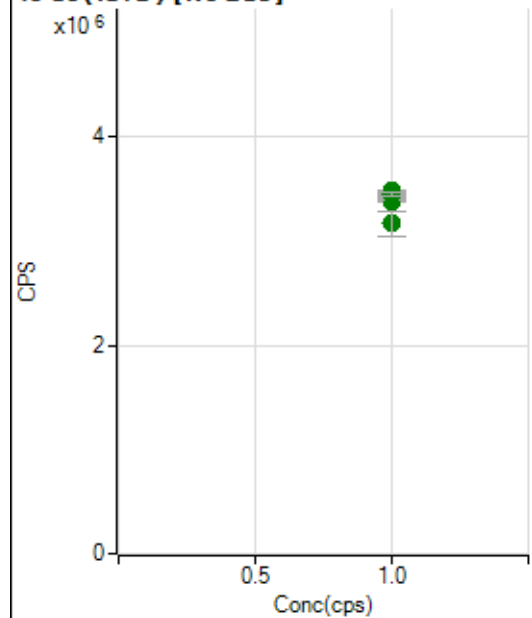
$$BEC = 0.06287$$

Weight: &lt;None&gt;

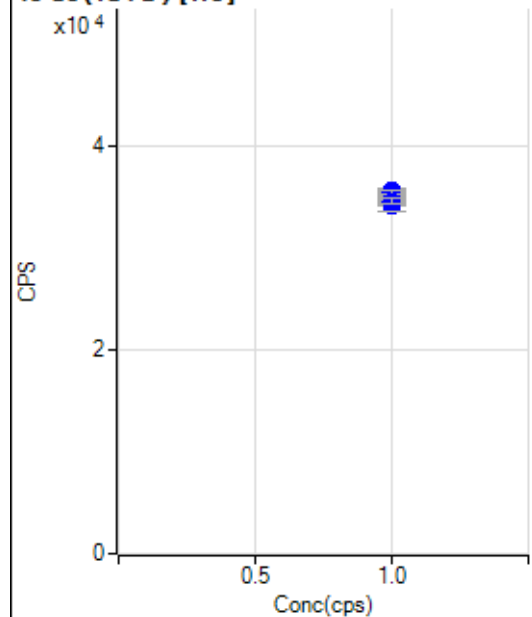
Min Conc: 0

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

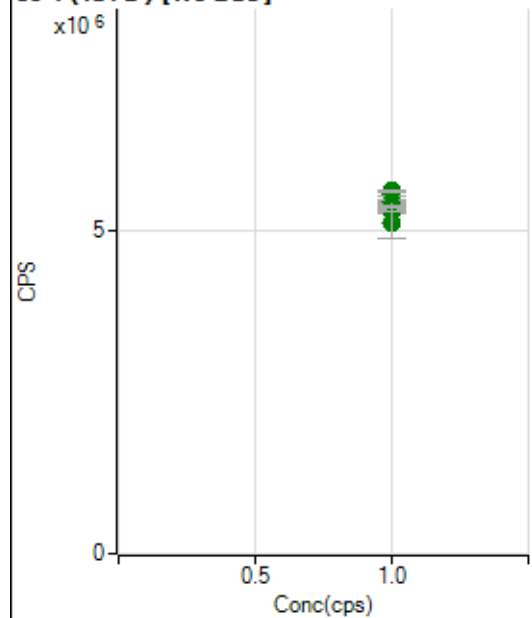
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 885963.92 |       | M        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 895496.22 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 884471.43 |       | M        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 895801.93 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 883386.07 |       | A        | 2.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 891873.50 |       | M        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 876151.08 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 782391.55 |       | P        | 9.0 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3384637.97 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3413396.61 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3408159.15 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3462908.59 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3426036.75 |       | A        | 1.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3483949.04 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3455228.90 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3171410.77 |       | A        | 7.7 |

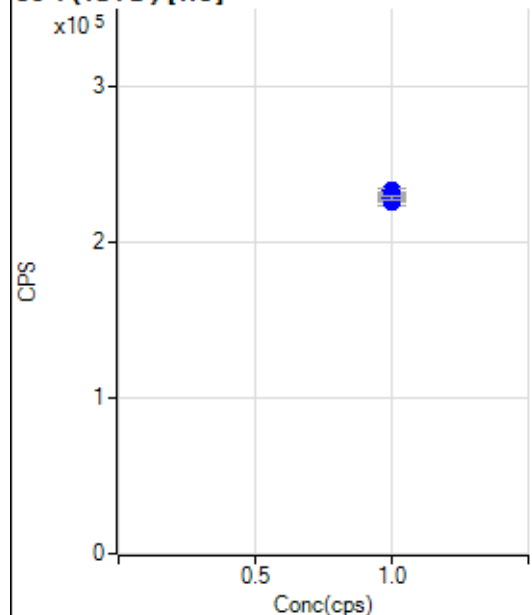
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 34181.79 |       | P        | 3.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |          |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 34990.39 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 35019.41 |       | P        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 35624.12 |       | P        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 35428.18 |       | P        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 34550.36 |       | P        | 2.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 34475.72 |       | P        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 34617.29 |       | P        | 1.9 |

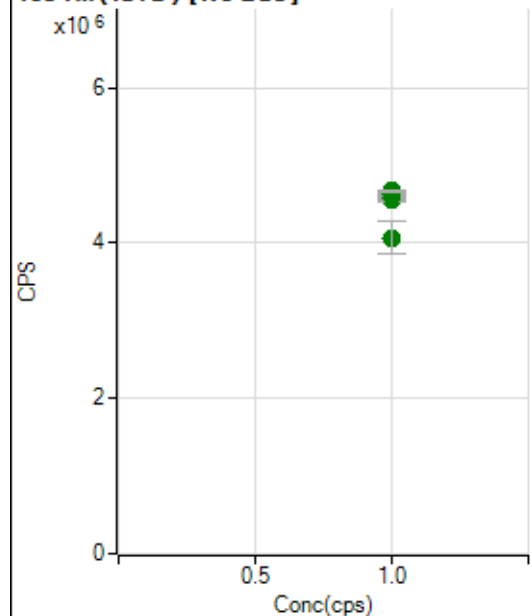
**89 Y (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5290591.42 |       | A        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5360794.92 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5304456.03 |       | A        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5422089.02 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5423846.17 |       | A        | 1.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5548774.08 |       | A        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5602470.68 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5106059.40 |       | A        | 9.1 |

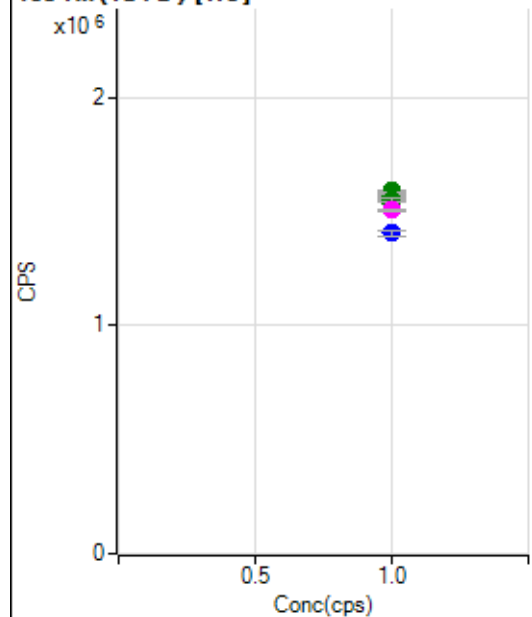


**89 Y(ISTD) [He]**

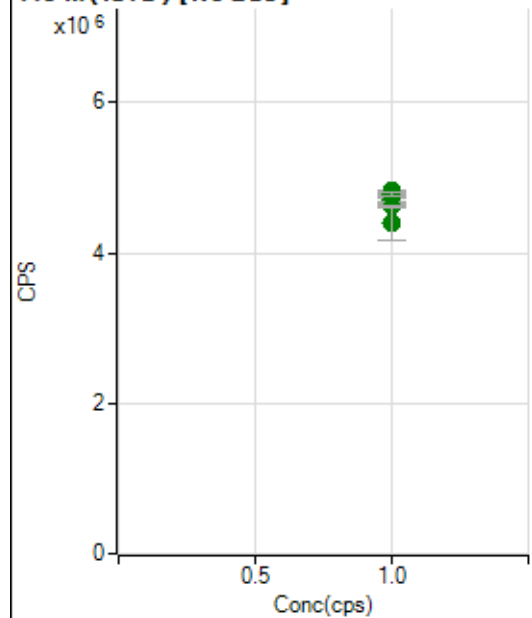
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 226021.17 |       | P        | 2.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 231155.31 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 231306.77 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 232040.69 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 233143.22 |       | P        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 230744.54 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 226242.42 |       | P        | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 228947.86 |       | P        | 0.9 |

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

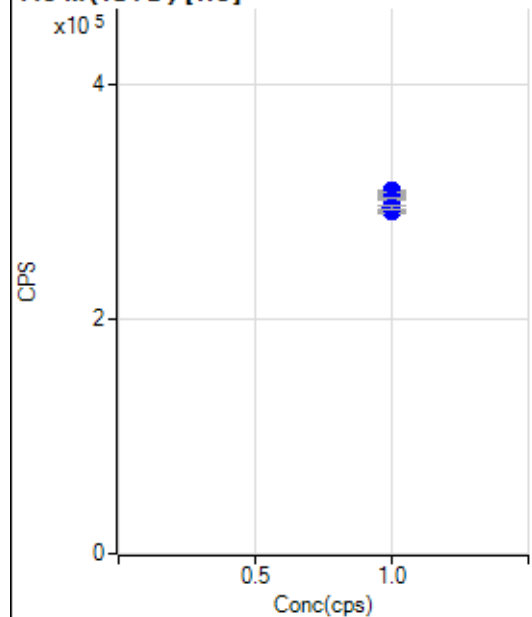
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 4561409.60 |       | A        | 0.3  |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |      |
| 3 | <input type="checkbox"/> | 1.000 |            | 4620909.74 |       | A        | 1.0  |
| 4 | <input type="checkbox"/> | 1.000 |            | 4574980.35 |       | A        | 1.8  |
| 5 | <input type="checkbox"/> | 1.000 |            | 4610624.50 |       | A        | 0.7  |
| 6 | <input type="checkbox"/> | 1.000 |            | 4631657.96 |       | A        | 1.5  |
| 7 | <input type="checkbox"/> | 1.000 |            | 4653028.32 |       | A        | 0.6  |
| 8 | <input type="checkbox"/> | 1.000 |            | 4668624.58 |       | A        | 0.4  |
| 9 | <input type="checkbox"/> | 1.000 |            | 4061404.82 |       | A        | 10.2 |

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

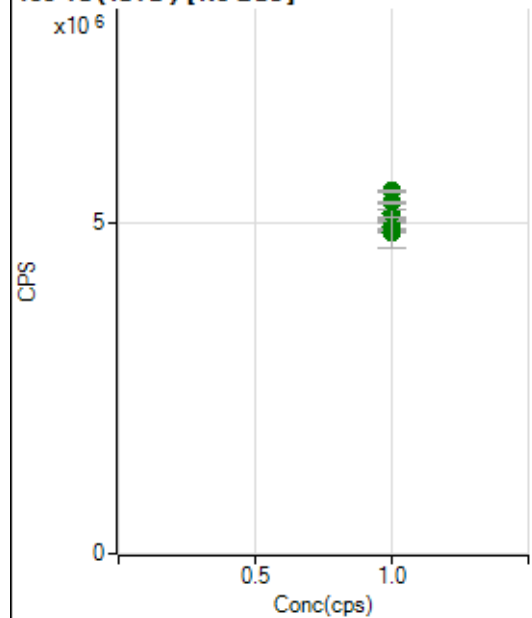
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1532559.37 |       | A        | 4.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1590296.12 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1565774.96 |       | A        | 1.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1590436.56 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1581664.91 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1553646.92 |       | A        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1505759.01 |       | M        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1406311.84 |       | P        | 1.7 |

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

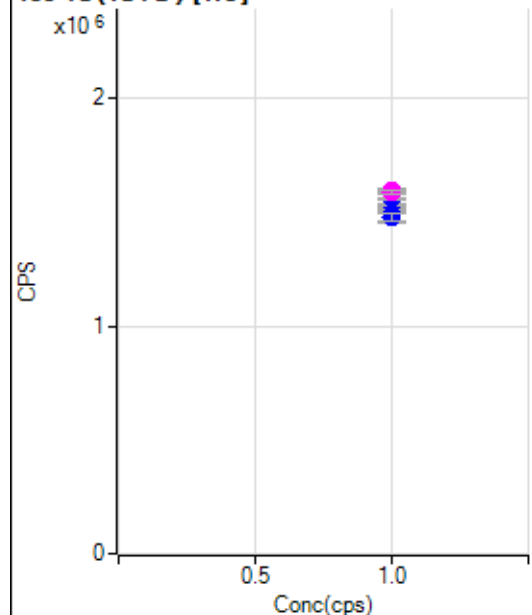
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 4646359.05 |       | A        | 0.8  |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |      |
| 3 | <input type="checkbox"/> | 1.000 |            | 4699460.60 |       | A        | 0.9  |
| 4 | <input type="checkbox"/> | 1.000 |            | 4641968.97 |       | A        | 1.5  |
| 5 | <input type="checkbox"/> | 1.000 |            | 4754106.12 |       | A        | 0.3  |
| 6 | <input type="checkbox"/> | 1.000 |            | 4757705.83 |       | A        | 1.1  |
| 7 | <input type="checkbox"/> | 1.000 |            | 4826471.29 |       | A        | 0.8  |
| 8 | <input type="checkbox"/> | 1.000 |            | 4787947.20 |       | A        | 0.9  |
| 9 | <input type="checkbox"/> | 1.000 |            | 4405619.08 |       | A        | 10.3 |

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

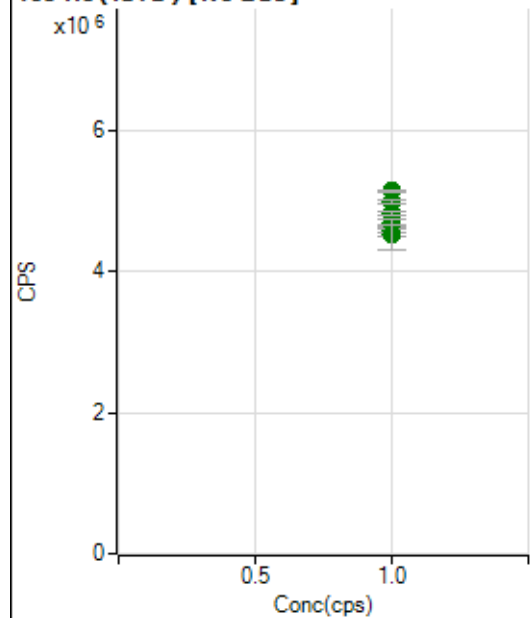
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 300870.12 |       | P        | 2.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 309162.37 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 308471.34 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 308240.49 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 308089.40 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 301864.92 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 291069.59 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 295402.28 |       | P        | 1.3 |

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

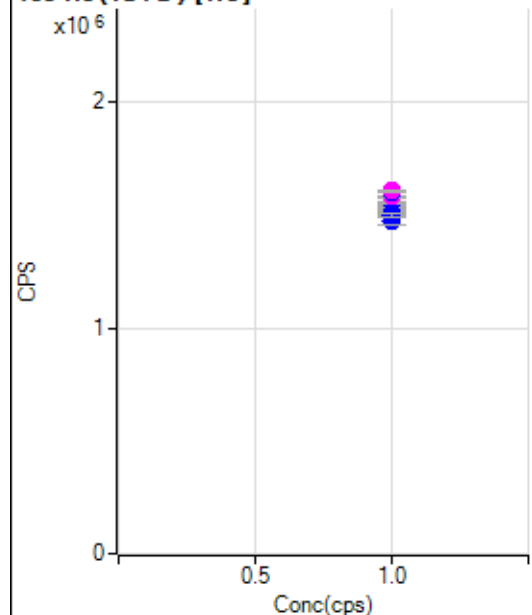
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4879013.61 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4900098.50 |       | A        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4961431.77 |       | A        | 1.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5054319.65 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5150986.76 |       | A        | 2.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5323492.21 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5499814.29 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4867454.62 |       | A        | 9.2 |

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

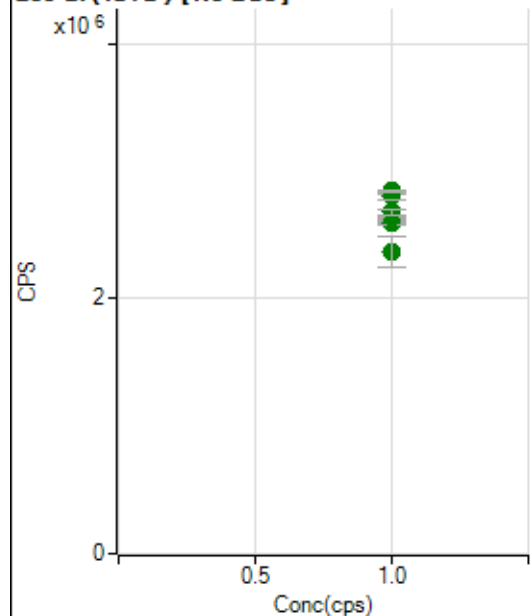
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1476305.95 |       | P        | 3.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1509027.51 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1519854.18 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1535556.73 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1559773.09 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1594665.88 |       | M        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1587625.38 |       | M        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1479164.27 |       | P        | 1.8 |

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

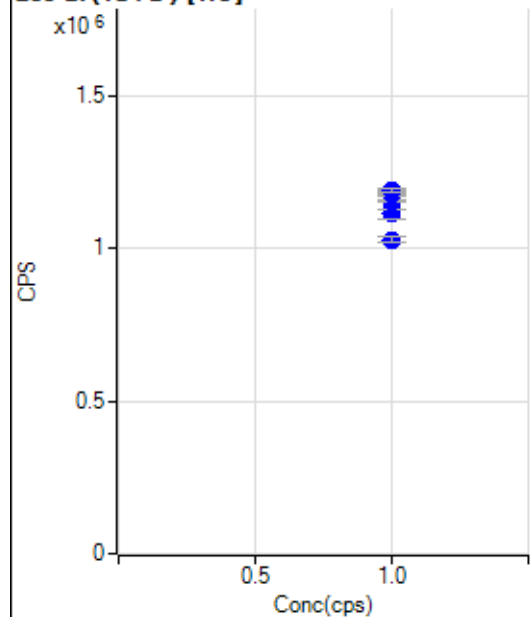
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4518004.40 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4623705.57 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4581954.18 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4698223.07 |       | A        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4821721.89 |       | A        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4983328.84 |       | A        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5141081.23 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4515787.60 |       | A        | 9.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1477626.50 |       | P        | 2.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1523643.45 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1540017.18 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1556694.63 |       | P        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1581923.36 |       | M        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1605467.37 |       | P        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1608783.59 |       | M        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1501107.88 |       | P        | 1.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 2603480.92 |       | A        | 1.2  |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |      |
| 3 | <input type="checkbox"/> | 1.000 |            | 2586320.80 |       | A        | 1.1  |
| 4 | <input type="checkbox"/> | 1.000 |            | 2591309.08 |       | A        | 1.3  |
| 5 | <input type="checkbox"/> | 1.000 |            | 2644321.63 |       | A        | 1.1  |
| 6 | <input type="checkbox"/> | 1.000 |            | 2675150.03 |       | A        | 2.0  |
| 7 | <input type="checkbox"/> | 1.000 |            | 2799445.41 |       | A        | 1.4  |
| 8 | <input type="checkbox"/> | 1.000 |            | 2843298.29 |       | A        | 0.6  |
| 9 | <input type="checkbox"/> | 1.000 |            | 2369914.56 |       | A        | 10.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1113800.24 |       | P        | 3.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1130819.27 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1155862.18 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1158380.42 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1177583.26 |       | P        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1189587.37 |       | P        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1189899.67 |       | P        | 1.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1030520.42 |       | P        | 2.0 |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:07:15 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.58   | 0.31    | 0.27    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | -0.02   | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.15   | 0.12    | 0.04    | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | -0.29   | 0.12    | 0.17    | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.04    | 0.01    | -0.06   | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.61    | 0.16    | -0.76   | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.01    | 0.04    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 9.45    | -6.15   | -3.31   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -1.04   | 1.29    | -0.26   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | -0.04   | 0.02    | 0.01    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | -0.04   | 0.02    | 0.02    | 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  | -0.15   | 0.00    | 0.15    | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -1.13   | 1.53    | -0.40   | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.01    | 0.00    | -0.01   | 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  | 0.89    | -0.30   | -0.59   | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.02    | 0.01    | -0.02   | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:07:15 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.03    | -0.03   | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.03    | -0.01   | -0.03   | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -22.44  | -9.49   | 14.35   | -5.86      |         | ppb   |
| Potassium  | 39-2  | -9.84   | 11.97   | -2.13   | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.92    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.65   | 1.76    | -1.11   | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.14    | -0.33   | 0.18    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -0.38   | -0.25   | 0.63    | 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  | -2.85   | 2.67    | 0.18    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | -0.03   | -0.03   | 0.06    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 114.33  | 74.94   | 142.90  | 110.72     | 30.82   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | 0.02    | 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   | 0.03    | -0.02   | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | 0.01    | -0.02   | 0.01    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.09   | -0.01   | 0.10    | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | 0.00    | 0.00       | N/A     | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:07:15 | DataFile Name :   | 003CALB.d |

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

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : S2 Instrumnet Name : P8  
 Client Sample ID : S2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 12:14:00 DataFile Name : 005CALS.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 25.30   | 17.07   | 13.63   | 18.67      | 32.10   | ppb   |
| Antimony   | 121-1 | 1.89    | 1.88    | 1.99    | 1.92       | 3.18    | ppb   |
| Arsenic    | 75-2  | 0.85    | 1.07    | 0.98    | 0.97       | 11.21   | ppb   |
| Barium     | 135-1 | 9.63    | 9.19    | 9.36    | 9.39       | 2.37    | ppb   |
| Barium     | 137-1 | 9.73    | 9.29    | 9.46    | 9.49       | 2.33    | ppb   |
| Beryllium  | 9-1   | 0.86    | 0.85    | 0.82    | 0.84       | 2.87    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 21.15   | 21.94   | 21.75   | 21.61      | 1.93    | ppb   |
| Boron      | 11-1  | 21.51   | 21.12   | 21.05   | 21.23      | 1.16    | ppb   |
| Cadmium    | 111-1 | 0.88    | 1.01    | 1.00    | 0.96       | 7.50    | ppb   |
| Cadmium    | 106-1 | 0.70    | 1.20    | 0.63    | 0.84       | 37.09   | ppb   |
| Cadmium    | 108-1 | 0.91    | 0.91    | 0.97    | 0.93       | 3.82    | ppb   |
| Calcium    | 43-1  | 356.46  | 395.28  | 356.63  | 369.46     | 6.05    | ppb   |
| Calcium    | 44-1  | 379.10  | 385.40  | 371.99  | 378.83     | 1.77    | ppb   |
| Chromium   | 52-2  | 2.04    | 1.85    | 1.86    | 1.92       | 5.68    | ppb   |
| Cobalt     | 59-2  | 0.91    | 0.96    | 0.93    | 0.93       | 2.66    | ppb   |
| Copper     | 63-2  | 2.32    | 2.23    | 2.31    | 2.28       | 2.08    | 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  | 44.90   | 42.73   | 42.89   | 43.51      | 2.77    | ppb   |
| Iron       | 57-2  | 44.27   | 42.75   | 43.66   | 43.56      | 1.76    | ppb   |
| Lead       | 206-1 | 1.00    | 1.04    | 0.94    | 0.99       | 5.36    | ppb   |
| Lead       | 207-1 | 0.96    | 0.97    | 1.07    | 1.00       | 6.07    | ppb   |
| Lead       | 208-1 | 0.98    | 1.01    | 1.01    | 1.00       | 1.65    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 432.25  | 433.08  | 422.50  | 429.28     | 1.37    | ppb   |
| Manganese  | 55-2  | 0.87    | 1.16    | 1.02    | 1.02       | 14.06   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:14:00 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 2.20    | 2.07    | 2.07    | 2.11       | 3.67    | ppb   |
| Molybdenum | 95-1  | 4.49    | 4.49    | 4.35    | 4.44       | 1.74    | ppb   |
| Molybdenum | 96-1  | 3.93    | 3.93    | 3.89    | 3.92       | 0.56    | ppb   |
| Molybdenum | 97-1  | 4.45    | 4.39    | 4.37    | 4.40       | 0.94    | ppb   |
| Molybdenum | 98-1  | 4.54    | 4.44    | 4.57    | 4.51       | 1.56    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.69    | 1.56    | 1.67    | 1.64       | 4.34    | ppb   |
| Phosphorus | 31-2  | 26.01   | -10.25  | 1.83    | 5.86       | 314.99  | ppb   |
| Potassium  | 39-2  | 416.70  | 436.09  | 422.82  | 425.21     | 2.33    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 4.77    | 7.62    | 7.57    | 6.65       | 24.49   | ppb   |
| Selenium   | 78-2  | 6.20    | 3.00    | 6.15    | 5.12       | 35.85   | ppb   |
| Selenium   | 82-1  | 5.00    | 4.56    | 4.66    | 4.74       | 4.82    | ppb   |
| Silicon    | 28-1  | 8.36    | 12.09   | 9.78    | 10.08      | 18.66   | ppb   |
| Silver     | 109-1 | 1.26    | 1.28    | 1.33    | 1.29       | 2.58    | ppb   |
| Silver     | 107-1 | 1.30    | 1.32    | 1.27    | 1.30       | 2.17    | ppb   |
| Sodium     | 23-2  | 427.03  | 432.84  | 436.03  | 431.97     | 1.06    | ppb   |
| Strontium  | 86-1  | 0.99    | 0.93    | 0.99    | 0.97       | 3.62    | ppb   |
| Strontium  | 88-1  | 0.99    | 0.96    | 0.95    | 0.97       | 2.34    | ppb   |
| Sulfur     | 34-1  | -207.77 | 67.60   | -192.00 | -110.72    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.89    | 0.91    | 0.89    | 0.90       | 1.33    | ppb   |
| Thallium   | 205-1 | 0.95    | 0.93    | 0.96    | 0.95       | 1.52    | ppb   |
| Tin        | 118-1 | 4.77    | 4.73    | 4.91    | 4.80       | 2.00    | ppb   |
| Titanium   | 47-1  | 4.64    | 4.32    | 4.42    | 4.46       | 3.65    | ppb   |
| Uranium    | 238-1 | 0.88    | 0.85    | 0.87    | 0.87       | 1.84    | ppb   |
| Vanadium   | 51-2  | 4.78    | 4.45    | 4.86    | 4.70       | 4.61    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 3.63    | 3.72    | 3.64    | 3.66       | 1.36    | ppb   |
| Zirconium  | 90-1  | 1.01    | 0.94    | 0.96    | 0.97       | 3.56    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:14:00 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.94    | 0.87    | 0.85    | 0.89       | 5.62    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : S3 Instrumnet Name : P8  
 Client Sample ID : S3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 12:17:30 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 850.92  | 918.89  | 939.46  | 903.09     | 5.13    | ppb   |
| Antimony   | 121-1 | 53.37   | 52.21   | 51.89   | 52.49      | 1.48    | ppb   |
| Arsenic    | 75-2  | 48.72   | 50.05   | 52.64   | 50.47      | 3.94    | ppb   |
| Barium     | 135-1 | 261.90  | 257.21  | 260.85  | 259.99     | 0.95    | ppb   |
| Barium     | 137-1 | 263.83  | 258.34  | 257.77  | 259.98     | 1.29    | ppb   |
| Beryllium  | 9-1   | 50.32   | 49.19   | 50.08   | 49.86      | 1.20    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 49.62   | 49.08   | 49.30   | 49.33      | 0.55    | ppb   |
| Boron      | 11-1  | 47.41   | 48.87   | 49.72   | 48.67      | 2.41    | ppb   |
| Cadmium    | 111-1 | 53.27   | 51.59   | 52.67   | 52.51      | 1.62    | ppb   |
| Cadmium    | 106-1 | 53.69   | 53.75   | 53.35   | 53.60      | 0.40    | ppb   |
| Cadmium    | 108-1 | 53.93   | 52.17   | 51.36   | 52.49      | 2.50    | ppb   |
| Calcium    | 43-1  | 4257.71 | 4150.87 | 4223.04 | 4210.54    | 1.29    | ppb   |
| Calcium    | 44-1  | 4283.18 | 4265.05 | 4278.41 | 4275.55    | 0.22    | ppb   |
| Chromium   | 52-2  | 51.64   | 51.10   | 51.23   | 51.33      | 0.55    | ppb   |
| Cobalt     | 59-2  | 50.92   | 51.43   | 52.04   | 51.46      | 1.09    | ppb   |
| Copper     | 63-2  | 103.95  | 103.62  | 106.26  | 104.61     | 1.38    | 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  | 2391.57 | 2428.75 | 2474.60 | 2431.64    | 1.71    | ppb   |
| Iron       | 57-2  | 2351.71 | 2400.17 | 2393.62 | 2381.83    | 1.10    | ppb   |
| Lead       | 206-1 | 51.02   | 48.87   | 48.97   | 49.62      | 2.44    | ppb   |
| Lead       | 207-1 | 49.82   | 48.47   | 48.61   | 48.97      | 1.52    | ppb   |
| Lead       | 208-1 | 50.43   | 48.95   | 49.22   | 49.53      | 1.59    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 4594.29 | 4696.07 | 4763.48 | 4684.61    | 1.82    | ppb   |
| Manganese  | 55-2  | 101.25  | 103.38  | 104.00  | 102.88     | 1.40    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:17:30 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 49.80   | 49.35   | 49.46   | 49.54      | 0.48    | ppb   |
| Molybdenum | 95-1  | 50.56   | 49.59   | 49.79   | 49.98      | 1.02    | ppb   |
| Molybdenum | 96-1  | 50.60   | 48.36   | 49.20   | 49.39      | 2.29    | ppb   |
| Molybdenum | 97-1  | 50.60   | 49.99   | 50.10   | 50.23      | 0.64    | ppb   |
| Molybdenum | 98-1  | 51.37   | 49.77   | 49.67   | 50.27      | 1.89    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 51.35   | 52.84   | 53.63   | 52.61      | 2.20    | ppb   |
| Phosphorus | 31-2  | 973.10  | 1047.69 | 1155.00 | 1058.60    | 8.64    | ppb   |
| Potassium  | 39-2  | 2318.64 | 2319.17 | 2324.42 | 2320.74    | 0.14    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 30.34   | 36.09   | 59.20   | 41.88      | 36.48   | ppb   |
| Selenium   | 78-2  | 51.57   | 58.94   | 35.47   | 48.66      | 24.66   | ppb   |
| Selenium   | 82-1  | 52.65   | 51.71   | 51.69   | 52.02      | 1.05    | ppb   |
| Silicon    | 28-1  | 72.11   | 71.74   | 69.18   | 71.01      | 2.25    | ppb   |
| Silver     | 109-1 | 54.86   | 52.47   | 53.21   | 53.51      | 2.28    | ppb   |
| Silver     | 107-1 | 53.73   | 52.12   | 51.64   | 52.50      | 2.08    | ppb   |
| Sodium     | 23-2  | 4600.68 | 4687.59 | 4711.72 | 4666.66    | 1.25    | ppb   |
| Strontium  | 86-1  | 51.03   | 50.54   | 50.35   | 50.64      | 0.69    | ppb   |
| Strontium  | 88-1  | 51.98   | 50.87   | 50.72   | 51.19      | 1.35    | ppb   |
| Sulfur     | 34-1  | 1443.15 | 1331.43 | 1249.46 | 1341.35    | 7.25    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 50.76   | 48.93   | 49.23   | 49.64      | 1.98    | ppb   |
| Thallium   | 205-1 | 51.75   | 49.64   | 50.49   | 50.62      | 2.09    | ppb   |
| Tin        | 118-1 | 53.17   | 51.96   | 51.97   | 52.36      | 1.33    | ppb   |
| Titanium   | 47-1  | 50.96   | 49.72   | 50.19   | 50.29      | 1.24    | ppb   |
| Uranium    | 238-1 | 49.17   | 47.84   | 48.16   | 48.39      | 1.43    | ppb   |
| Vanadium   | 51-2  | 50.92   | 50.23   | 50.78   | 50.64      | 0.72    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 104.25  | 105.22  | 105.08  | 104.85     | 0.50    | ppb   |
| Zirconium  | 90-1  | 49.55   | 48.76   | 48.60   | 48.97      | 1.05    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:17:30 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 49.05   | 47.95   | 47.95   | 48.31      | 1.32    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:21:00 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2248.48  | 2176.52  | 2174.74  | 2199.91    | 1.91    | ppb   |
| Antimony   | 121-1 | 129.53   | 130.42   | 130.49   | 130.14     | 0.41    | ppb   |
| Arsenic    | 75-2  | 122.64   | 126.81   | 126.60   | 125.35     | 1.87    | ppb   |
| Barium     | 135-1 | 645.23   | 648.35   | 645.24   | 646.27     | 0.28    | ppb   |
| Barium     | 137-1 | 648.82   | 647.39   | 651.72   | 649.31     | 0.34    | ppb   |
| Beryllium  | 9-1   | 124.47   | 126.32   | 124.72   | 125.17     | 0.80    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 116.66   | 125.94   | 126.18   | 122.93     | 4.42    | ppb   |
| Boron      | 11-1  | 120.34   | 122.47   | 122.99   | 121.93     | 1.15    | ppb   |
| Cadmium    | 111-1 | 131.03   | 130.62   | 131.61   | 131.09     | 0.38    | ppb   |
| Cadmium    | 106-1 | 132.33   | 132.69   | 134.05   | 133.03     | 0.68    | ppb   |
| Cadmium    | 108-1 | 128.52   | 132.60   | 134.59   | 131.90     | 2.35    | ppb   |
| Calcium    | 43-1  | 10436.77 | 10399.31 | 10587.79 | 10474.63   | 0.95    | ppb   |
| Calcium    | 44-1  | 10390.45 | 10289.31 | 10479.46 | 10386.41   | 0.92    | ppb   |
| Chromium   | 52-2  | 130.00   | 126.10   | 126.05   | 127.39     | 1.78    | ppb   |
| Cobalt     | 59-2  | 127.52   | 125.79   | 124.28   | 125.86     | 1.28    | ppb   |
| Copper     | 63-2  | 257.62   | 256.56   | 254.19   | 256.12     | 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  | 5864.63  | 5853.74  | 5750.85  | 5823.08    | 1.08    | ppb   |
| Iron       | 57-2  | 5876.77  | 5922.22  | 5750.03  | 5849.67    | 1.53    | ppb   |
| Lead       | 206-1 | 124.60   | 122.19   | 121.32   | 122.70     | 1.38    | ppb   |
| Lead       | 207-1 | 123.58   | 123.03   | 122.63   | 123.08     | 0.39    | ppb   |
| Lead       | 208-1 | 125.31   | 124.21   | 123.93   | 124.48     | 0.59    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 11620.73 | 11553.62 | 11367.11 | 11513.82   | 1.14    | ppb   |
| Manganese  | 55-2  | 259.76   | 256.33   | 249.79   | 255.29     | 1.98    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:21:00 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 121.89   | 125.58   | 123.51   | 123.66     | 1.50    | ppb   |
| Molybdenum | 95-1  | 122.55   | 125.14   | 123.40   | 123.70     | 1.07    | ppb   |
| Molybdenum | 96-1  | 122.19   | 124.46   | 122.34   | 123.00     | 1.03    | ppb   |
| Molybdenum | 97-1  | 122.30   | 125.77   | 122.83   | 123.63     | 1.51    | ppb   |
| Molybdenum | 98-1  | 123.09   | 125.89   | 123.58   | 124.19     | 1.20    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 129.69   | 130.15   | 125.82   | 128.55     | 1.85    | ppb   |
| Phosphorus | 31-2  | 2577.31  | 2693.51  | 2290.83  | 2520.55    | 8.22    | ppb   |
| Potassium  | 39-2  | 5702.47  | 5672.47  | 5554.90  | 5643.28    | 1.38    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 160.58   | 161.24   | 116.03   | 145.95     | 17.75   | ppb   |
| Selenium   | 78-2  | 124.64   | 123.79   | 119.58   | 122.67     | 2.21    | ppb   |
| Selenium   | 82-1  | 127.08   | 129.84   | 125.96   | 127.63     | 1.57    | ppb   |
| Silicon    | 28-1  | 129.80   | 134.01   | 133.32   | 132.38     | 1.71    | ppb   |
| Silver     | 109-1 | 130.93   | 132.08   | 132.85   | 131.95     | 0.73    | ppb   |
| Silver     | 107-1 | 129.44   | 130.24   | 131.61   | 130.43     | 0.84    | ppb   |
| Sodium     | 23-2  | 11627.10 | 11573.79 | 11550.65 | 11583.85   | 0.34    | ppb   |
| Strontium  | 86-1  | 123.44   | 127.16   | 124.17   | 124.92     | 1.58    | ppb   |
| Strontium  | 88-1  | 126.23   | 128.79   | 125.57   | 126.87     | 1.34    | ppb   |
| Sulfur     | 34-1  | 2913.49  | 2883.95  | 3112.39  | 2969.94    | 4.18    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 124.65   | 122.90   | 121.37   | 122.98     | 1.34    | ppb   |
| Thallium   | 205-1 | 125.57   | 122.83   | 122.49   | 123.63     | 1.37    | ppb   |
| Tin        | 118-1 | 129.04   | 129.47   | 131.63   | 130.05     | 1.07    | ppb   |
| Titanium   | 47-1  | 124.05   | 123.94   | 124.71   | 124.23     | 0.34    | ppb   |
| Uranium    | 238-1 | 126.79   | 123.41   | 124.61   | 124.93     | 1.37    | ppb   |
| Vanadium   | 51-2  | 127.25   | 126.08   | 124.66   | 126.00     | 1.03    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 258.39   | 256.24   | 258.27   | 257.63     | 0.47    | ppb   |
| Zirconium  | 90-1  | 124.42   | 125.07   | 124.32   | 124.60     | 0.33    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:21:00 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 119.92  | 122.18  | 120.62  | 120.91     | 0.96    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:24:25 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4398.32  | 4445.10  | 4440.21  | 4427.88    | 0.58    | ppb   |
| Antimony   | 121-1 | 254.20   | 257.61   | 275.20   | 262.33     | 4.30    | ppb   |
| Arsenic    | 75-2  | 250.76   | 250.35   | 248.77   | 249.96     | 0.42    | ppb   |
| Barium     | 135-1 | 1277.72  | 1296.20  | 1328.32  | 1300.75    | 1.97    | ppb   |
| Barium     | 137-1 | 1276.41  | 1282.45  | 1334.37  | 1297.74    | 2.45    | ppb   |
| Beryllium  | 9-1   | 248.51   | 249.38   | 260.54   | 252.81     | 2.65    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 242.92   | 240.30   | 261.51   | 248.24     | 4.66    | ppb   |
| Boron      | 11-1  | 238.11   | 241.38   | 257.13   | 245.54     | 4.14    | ppb   |
| Cadmium    | 111-1 | 256.51   | 258.67   | 269.93   | 261.70     | 2.75    | ppb   |
| Cadmium    | 106-1 | 259.37   | 258.92   | 272.90   | 263.73     | 3.01    | ppb   |
| Cadmium    | 108-1 | 255.71   | 258.98   | 264.70   | 259.80     | 1.75    | ppb   |
| Calcium    | 43-1  | 21057.40 | 20893.04 | 21727.75 | 21226.06   | 2.08    | ppb   |
| Calcium    | 44-1  | 20894.54 | 20796.57 | 21401.83 | 21030.98   | 1.54    | ppb   |
| Chromium   | 52-2  | 256.92   | 251.66   | 253.96   | 254.18     | 1.04    | ppb   |
| Cobalt     | 59-2  | 257.04   | 247.37   | 252.00   | 252.13     | 1.92    | ppb   |
| Copper     | 63-2  | 516.83   | 505.33   | 510.71   | 510.96     | 1.13    | 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  | 11713.47 | 11336.40 | 11563.98 | 11537.95   | 1.65    | ppb   |
| Iron       | 57-2  | 11801.99 | 11390.10 | 11675.29 | 11622.46   | 1.82    | ppb   |
| Lead       | 206-1 | 246.87   | 248.50   | 255.46   | 250.28     | 1.82    | ppb   |
| Lead       | 207-1 | 245.55   | 243.61   | 253.35   | 247.50     | 2.08    | ppb   |
| Lead       | 208-1 | 249.94   | 252.26   | 258.14   | 253.45     | 1.67    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 23799.32 | 22621.05 | 23086.45 | 23168.94   | 2.56    | ppb   |
| Manganese  | 55-2  | 520.45   | 502.76   | 509.03   | 510.75     | 1.76    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:24:25 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 251.60   | 254.06   | 262.39   | 256.02     | 2.21    | ppb   |
| Molybdenum | 95-1  | 246.91   | 250.38   | 258.70   | 252.00     | 2.40    | ppb   |
| Molybdenum | 96-1  | 254.04   | 250.80   | 258.79   | 254.54     | 1.58    | ppb   |
| Molybdenum | 97-1  | 250.67   | 249.78   | 261.03   | 253.83     | 2.46    | ppb   |
| Molybdenum | 98-1  | 254.35   | 254.53   | 264.92   | 257.93     | 2.35    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 258.29   | 253.40   | 256.18   | 255.95     | 0.96    | ppb   |
| Phosphorus | 31-2  | 5633.16  | 5033.83  | 5292.69  | 5319.89    | 5.65    | ppb   |
| Potassium  | 39-2  | 11394.94 | 11155.26 | 11306.35 | 11285.52   | 1.07    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 291.88   | 269.61   | 214.80   | 258.76     | 15.33   | ppb   |
| Selenium   | 78-2  | 224.42   | 261.64   | 257.84   | 247.97     | 8.26    | ppb   |
| Selenium   | 82-1  | 255.76   | 255.75   | 263.03   | 258.18     | 1.63    | ppb   |
| Silicon    | 28-1  | 266.46   | 265.97   | 278.84   | 270.42     | 2.70    | ppb   |
| Silver     | 109-1 | 266.52   | 266.75   | 278.77   | 270.68     | 2.59    | ppb   |
| Silver     | 107-1 | 262.58   | 258.57   | 276.51   | 265.89     | 3.54    | ppb   |
| Sodium     | 23-2  | 22979.06 | 22878.64 | 22608.62 | 22822.11   | 0.84    | ppb   |
| Strontium  | 86-1  | 246.81   | 250.32   | 257.69   | 251.61     | 2.21    | ppb   |
| Strontium  | 88-1  | 251.48   | 253.55   | 261.50   | 255.51     | 2.07    | ppb   |
| Sulfur     | 34-1  | 6083.46  | 6029.09  | 6618.86  | 6243.80    | 5.22    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 246.73   | 249.66   | 258.87   | 251.75     | 2.52    | ppb   |
| Thallium   | 205-1 | 253.99   | 254.93   | 261.44   | 256.78     | 1.58    | ppb   |
| Tin        | 118-1 | 258.67   | 259.64   | 270.57   | 262.96     | 2.51    | ppb   |
| Titanium   | 47-1  | 249.79   | 249.52   | 255.28   | 251.53     | 1.29    | ppb   |
| Uranium    | 238-1 | 252.29   | 249.80   | 258.37   | 253.49     | 1.74    | ppb   |
| Vanadium   | 51-2  | 254.55   | 247.04   | 252.71   | 251.43     | 1.56    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 517.28   | 506.76   | 516.93   | 513.65     | 1.16    | ppb   |
| Zirconium  | 90-1  | 248.79   | 250.32   | 257.75   | 252.29     | 1.90    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:24:25 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 242.50  | 243.97  | 253.08  | 246.52     | 2.33    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:27:44 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 8634.21  | 8917.96  | 8730.77  | 8760.98    | 1.65    | ppb   |
| Antimony   | 121-1 | 511.77   | 518.32   | 511.35   | 513.81     | 0.76    | ppb   |
| Arsenic    | 75-2  | 492.55   | 496.90   | 501.97   | 497.14     | 0.95    | ppb   |
| Barium     | 135-1 | 2545.14  | 2581.93  | 2564.71  | 2563.93    | 0.72    | ppb   |
| Barium     | 137-1 | 2520.30  | 2529.97  | 2524.94  | 2525.07    | 0.19    | ppb   |
| Beryllium  | 9-1   | 493.40   | 498.63   | 486.92   | 492.98     | 1.19    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 494.03   | 496.49   | 497.27   | 495.93     | 0.34    | ppb   |
| Boron      | 11-1  | 480.25   | 491.50   | 489.15   | 486.97     | 1.22    | ppb   |
| Cadmium    | 111-1 | 503.06   | 508.40   | 508.37   | 506.61     | 0.61    | ppb   |
| Cadmium    | 106-1 | 498.35   | 510.39   | 513.65   | 507.46     | 1.59    | ppb   |
| Cadmium    | 108-1 | 512.22   | 508.60   | 515.58   | 512.13     | 0.68    | ppb   |
| Calcium    | 43-1  | 42112.42 | 42037.86 | 42103.45 | 42084.58   | 0.10    | ppb   |
| Calcium    | 44-1  | 41469.72 | 41088.85 | 41654.13 | 41404.23   | 0.70    | ppb   |
| Chromium   | 52-2  | 497.61   | 508.76   | 514.68   | 507.01     | 1.71    | ppb   |
| Cobalt     | 59-2  | 490.08   | 507.03   | 509.66   | 502.26     | 2.12    | ppb   |
| Copper     | 63-2  | 1010.26  | 1024.54  | 1043.12  | 1025.98    | 1.61    | 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  | 22623.28 | 23358.29 | 23397.90 | 23126.49   | 1.89    | ppb   |
| Iron       | 57-2  | 22857.21 | 23525.93 | 23473.74 | 23285.63   | 1.60    | ppb   |
| Lead       | 206-1 | 509.47   | 501.09   | 507.84   | 506.13     | 0.88    | ppb   |
| Lead       | 207-1 | 507.95   | 504.28   | 507.98   | 506.74     | 0.42    | ppb   |
| Lead       | 208-1 | 507.62   | 500.50   | 504.91   | 504.34     | 0.71    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 45390.55 | 46892.95 | 46348.26 | 46210.58   | 1.65    | ppb   |
| Manganese  | 55-2  | 992.60   | 1031.66  | 1026.74  | 1017.00    | 2.09    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:27:44 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 512.29   | 500.68   | 509.98   | 507.65     | 1.21    | ppb   |
| Molybdenum | 95-1  | 506.96   | 500.83   | 515.98   | 507.92     | 1.50    | ppb   |
| Molybdenum | 96-1  | 505.54   | 502.37   | 511.62   | 506.51     | 0.93    | ppb   |
| Molybdenum | 97-1  | 501.60   | 489.85   | 501.00   | 497.48     | 1.33    | ppb   |
| Molybdenum | 98-1  | 503.94   | 501.46   | 513.26   | 506.22     | 1.23    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 498.00   | 514.71   | 517.57   | 510.09     | 2.07    | ppb   |
| Phosphorus | 31-2  | 10195.51 | 10238.23 | 10630.08 | 10354.61   | 2.31    | ppb   |
| Potassium  | 39-2  | 21795.35 | 22426.04 | 22485.87 | 22235.75   | 1.72    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 456.72   | 518.24   | 523.87   | 499.61     | 7.46    | ppb   |
| Selenium   | 78-2  | 509.34   | 504.31   | 501.05   | 504.90     | 0.83    | ppb   |
| Selenium   | 82-1  | 502.30   | 499.94   | 513.12   | 505.12     | 1.39    | ppb   |
| Silicon    | 28-1  | 516.15   | 507.82   | 522.46   | 515.48     | 1.43    | ppb   |
| Silver     | 109-1 | 514.12   | 519.08   | 513.46   | 515.55     | 0.60    | ppb   |
| Silver     | 107-1 | 511.54   | 510.37   | 515.86   | 512.59     | 0.56    | ppb   |
| Sodium     | 23-2  | 43920.54 | 45278.10 | 45351.82 | 44850.15   | 1.80    | ppb   |
| Strontium  | 86-1  | 501.59   | 499.44   | 507.23   | 502.76     | 0.80    | ppb   |
| Strontium  | 88-1  | 504.16   | 499.54   | 508.60   | 504.10     | 0.90    | ppb   |
| Sulfur     | 34-1  | 12028.47 | 11907.26 | 12022.47 | 11986.07   | 0.57    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 510.94   | 499.25   | 507.02   | 505.74     | 1.18    | ppb   |
| Thallium   | 205-1 | 509.35   | 497.42   | 501.18   | 502.65     | 1.21    | ppb   |
| Tin        | 118-1 | 513.44   | 524.33   | 516.18   | 517.98     | 1.09    | ppb   |
| Titanium   | 47-1  | 497.74   | 495.49   | 496.31   | 496.51     | 0.23    | ppb   |
| Uranium    | 238-1 | 494.73   | 492.02   | 494.42   | 493.72     | 0.30    | ppb   |
| Vanadium   | 51-2  | 494.74   | 507.29   | 514.01   | 505.35     | 1.94    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 993.24   | 1034.73  | 1030.58  | 1019.52    | 2.24    | ppb   |
| Zirconium  | 90-1  | 505.61   | 492.43   | 505.87   | 501.30     | 1.53    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:27:44 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 503.66  | 499.93  | 508.87  | 504.16     | 0.89    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:30:57 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 17305.86 | 17123.78 | 17406.93 | 17278.86   | 0.83    | ppb   |
| Antimony   | 121-1 | 986.04   | 987.18   | 994.52   | 989.24     | 0.47    | ppb   |
| Arsenic    | 75-2  | 994.42   | 1007.18  | 1002.53  | 1001.37    | 0.64    | ppb   |
| Barium     | 135-1 | 4969.04  | 4928.53  | 4959.01  | 4952.19    | 0.43    | ppb   |
| Barium     | 137-1 | 4946.04  | 4938.90  | 5031.03  | 4971.99    | 1.03    | ppb   |
| Beryllium  | 9-1   | 999.57   | 996.25   | 1012.56  | 1002.79    | 0.86    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 982.26   | 1009.15  | 1017.15  | 1002.85    | 1.82    | ppb   |
| Boron      | 11-1  | 999.52   | 1006.84  | 1018.17  | 1008.18    | 0.93    | ppb   |
| Cadmium    | 111-1 | 981.94   | 1002.18  | 994.52   | 992.88     | 1.03    | ppb   |
| Cadmium    | 106-1 | 989.02   | 988.65   | 997.29   | 991.65     | 0.49    | ppb   |
| Cadmium    | 108-1 | 986.62   | 999.71   | 985.16   | 990.50     | 0.81    | ppb   |
| Calcium    | 43-1  | 84037.37 | 84094.83 | 85646.88 | 84593.03   | 1.08    | ppb   |
| Calcium    | 44-1  | 82990.81 | 81879.49 | 83350.56 | 82740.28   | 0.93    | ppb   |
| Chromium   | 52-2  | 1000.39  | 989.22   | 995.64   | 995.08     | 0.56    | ppb   |
| Cobalt     | 59-2  | 1003.82  | 990.44   | 1000.22  | 998.16     | 0.69    | ppb   |
| Copper     | 63-2  | 2008.46  | 1971.42  | 1969.95  | 1983.28    | 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  | 45738.05 | 45184.90 | 45296.13 | 45406.36   | 0.64    | ppb   |
| Iron       | 57-2  | 45964.56 | 45313.64 | 45691.00 | 45656.40   | 0.72    | ppb   |
| Lead       | 206-1 | 984.90   | 1004.15  | 1002.46  | 997.17     | 1.07    | ppb   |
| Lead       | 207-1 | 993.29   | 993.68   | 1005.66  | 997.55     | 0.70    | ppb   |
| Lead       | 208-1 | 992.84   | 997.69   | 1000.63  | 997.05     | 0.39    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 89192.37 | 87645.05 | 89124.32 | 88653.91   | 0.99    | ppb   |
| Manganese  | 55-2  | 1992.32  | 1973.15  | 1998.55  | 1988.01    | 0.67    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:30:57 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 985.86   | 995.91   | 1002.86  | 994.87     | 0.86    | ppb   |
| Molybdenum | 95-1  | 982.92   | 996.89   | 1007.30  | 995.71     | 1.23    | ppb   |
| Molybdenum | 96-1  | 991.04   | 993.67   | 1002.97  | 995.90     | 0.63    | ppb   |
| Molybdenum | 97-1  | 1000.66  | 1002.01  | 998.72   | 1000.46    | 0.17    | ppb   |
| Molybdenum | 98-1  | 993.67   | 1000.89  | 990.43   | 995.00     | 0.54    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 996.71   | 987.38   | 994.58   | 992.89     | 0.49    | ppb   |
| Phosphorus | 31-2  | 20154.53 | 19576.45 | 19480.69 | 19737.23   | 1.85    | ppb   |
| Potassium  | 39-2  | 44851.83 | 43763.78 | 43955.26 | 44190.29   | 1.31    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 1001.71  | 954.32   | 1031.32  | 995.78     | 3.90    | ppb   |
| Selenium   | 78-2  | 971.25   | 1054.62  | 969.37   | 998.42     | 4.88    | ppb   |
| Selenium   | 82-1  | 989.27   | 1001.80  | 993.83   | 994.97     | 0.64    | ppb   |
| Silicon    | 28-1  | 994.21   | 981.36   | 979.98   | 985.18     | 0.80    | ppb   |
| Silver     | 109-1 | 971.12   | 994.90   | 992.01   | 986.01     | 1.32    | ppb   |
| Silver     | 107-1 | 980.22   | 990.63   | 995.94   | 988.93     | 0.81    | ppb   |
| Sodium     | 23-2  | 87908.57 | 87214.22 | 88003.65 | 87708.81   | 0.49    | ppb   |
| Strontium  | 86-1  | 987.01   | 1004.59  | 1002.99  | 998.20     | 0.97    | ppb   |
| Strontium  | 88-1  | 987.61   | 1001.17  | 1000.06  | 996.28     | 0.76    | ppb   |
| Sulfur     | 34-1  | 18831.33 | 18290.62 | 18738.65 | 18620.20   | 1.55    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 993.41   | 997.53   | 999.95   | 996.96     | 0.33    | ppb   |
| Thallium   | 205-1 | 996.89   | 993.62   | 1000.85  | 997.12     | 0.36    | ppb   |
| Tin        | 118-1 | 981.75   | 986.30   | 993.00   | 987.02     | 0.57    | ppb   |
| Titanium   | 47-1  | 994.96   | 995.14   | 1014.24  | 1001.45    | 1.11    | ppb   |
| Uranium    | 238-1 | 1004.02  | 997.89   | 1005.15  | 1002.36    | 0.39    | ppb   |
| Vanadium   | 51-2  | 1003.70  | 986.32   | 1000.43  | 996.81     | 0.93    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1999.25  | 1975.92  | 1981.71  | 1985.63    | 0.61    | ppb   |
| Zirconium  | 90-1  | 989.64   | 997.40   | 1009.60  | 998.88     | 1.01    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:30:57 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 993.16  | 998.09  | 1006.92 | 999.39     | 0.70    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:34:06 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 101081.69 | 100286.70 | 100747.24 | 100705.21  | 0.40    | ppb   |
| Antimony   | 121-1 | 2.65      | 2.62      | 3.00      | 2.76       | 7.72    | ppb   |
| Arsenic    | 75-2  | 0.66      | 0.59      | 0.48      | 0.58       | 15.18   | ppb   |
| Barium     | 135-1 | 2.57      | 2.58      | 3.37      | 2.84       | 16.16   | ppb   |
| Barium     | 137-1 | 2.78      | 2.84      | 3.15      | 2.92       | 6.71    | ppb   |
| Beryllium  | 9-1   | 0.20      | 0.23      | 0.29      | 0.24       | 19.06   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 45.97     | 43.79     | 46.17     | 45.31      | 2.91    | ppb   |
| Boron      | 11-1  | 43.40     | 41.80     | 44.20     | 43.13      | 2.84    | ppb   |
| Cadmium    | 111-1 | 0.13      | 0.22      | 0.27      | 0.21       | 32.87   | ppb   |
| Cadmium    | 106-1 | -1.00     | -0.65     | 0.24      | -0.47      |         | ppb   |
| Cadmium    | 108-1 | 0.37      | 0.24      | 0.47      | 0.36       | 32.31   | ppb   |
| Calcium    | 43-1  | 479025.45 | 483178.66 | 550156.77 | 504120.29  | 7.92    | ppb   |
| Calcium    | 44-1  | 476065.09 | 482068.02 | 555577.42 | 504570.18  | 8.77    | ppb   |
| Chromium   | 52-2  | 28.52     | 27.17     | 27.18     | 27.62      | 2.82    | ppb   |
| Cobalt     | 59-2  | 1.85      | 1.81      | 1.71      | 1.79       | 3.86    | ppb   |
| Copper     | 63-2  | 4.67      | 4.43      | 4.41      | 4.50       | 3.20    | 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  | 255244.38 | 249015.04 | 249237.19 | 251165.54  | 1.41    | ppb   |
| Iron       | 57-2  | 254382.82 | 248689.82 | 250213.03 | 251095.23  | 1.17    | ppb   |
| Lead       | 206-1 | 2.64      | 2.85      | 3.29      | 2.93       | 11.27   | ppb   |
| Lead       | 207-1 | 2.52      | 2.70      | 2.95      | 2.72       | 7.94    | ppb   |
| Lead       | 208-1 | 2.60      | 2.73      | 3.15      | 2.83       | 10.26   | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 504689.41 | 497562.31 | 506051.05 | 502767.59  | 0.91    | ppb   |
| Manganese  | 55-2  | 9.29      | 9.98      | 9.51      | 9.59       | 3.70    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:34:06 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.74      | 1.87      | 2.11      | 1.91       | 9.79    | ppb   |
| Molybdenum | 95-1  | 4.66      | 4.85      | 5.40      | 4.97       | 7.78    | ppb   |
| Molybdenum | 96-1  | 4.37      | 4.54      | 5.26      | 4.73       | 10.00   | ppb   |
| Molybdenum | 97-1  | 4.63      | 4.55      | 5.33      | 4.84       | 8.91    | ppb   |
| Molybdenum | 98-1  | 4.46      | 4.59      | 5.38      | 4.81       | 10.35   | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 16.97     | 16.38     | 16.21     | 16.52      | 2.40    | ppb   |
| Phosphorus | 31-2  | 27.76     | 14.02     | 13.99     | 18.59      | 42.71   | ppb   |
| Potassium  | 39-2  | 252676.89 | 250434.29 | 251437.43 | 251516.20  | 0.45    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | -0.96     | 1.93      | 1.94      | 0.97       | 172.19  | ppb   |
| Selenium   | 78-2  | 0.26      | 0.73      | -1.11     | -0.04      |         | ppb   |
| Selenium   | 82-1  | 1.20      | 0.19      | 1.29      | 0.89       | 68.18   | ppb   |
| Silicon    | 28-1  | 295.13    | 326.51    | 400.06    | 340.56     | 15.81   | ppb   |
| Silver     | 109-1 | 0.20      | 0.20      | 0.26      | 0.22       | 15.55   | ppb   |
| Silver     | 107-1 | 0.21      | 0.23      | 0.24      | 0.23       | 6.18    | ppb   |
| Sodium     | 23-2  | 506192.32 | 499651.13 | 503481.82 | 503108.42  | 0.65    | ppb   |
| Strontium  | 86-1  | 38.42     | 38.37     | 45.51     | 40.77      | 10.07   | ppb   |
| Strontium  | 88-1  | 39.03     | 39.20     | 45.61     | 41.28      | 9.08    | ppb   |
| Sulfur     | 34-1  | 68.81     | 259.24    | 2439.04   | 922.36     | 142.78  | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.57      | 0.62      | 0.62      | 0.60       | 4.55    | ppb   |
| Thallium   | 205-1 | 0.60      | 0.57      | 0.71      | 0.62       | 11.37   | ppb   |
| Tin        | 118-1 | 1.29      | 1.25      | 1.43      | 1.33       | 7.01    | ppb   |
| Titanium   | 47-1  | 1.39      | 1.35      | 1.50      | 1.41       | 5.69    | ppb   |
| Uranium    | 238-1 | 0.23      | 0.23      | 0.26      | 0.24       | 7.34    | ppb   |
| Vanadium   | 51-2  | 0.76      | 0.73      | 0.65      | 0.71       | 8.26    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 95.94     | 92.19     | 94.20     | 94.11      | 2.00    | ppb   |
| Zirconium  | 90-1  | 0.32      | 0.33      | 0.42      | 0.36       | 15.17   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:34:06 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.31    | 0.33    | 0.42    | 0.35       | 17.50   | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:37:29 | DataFile Name :   | 012ICV01.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 422.43  | 458.03  | 433.83  | 438.10     | 4.15    | ppb   |
| Antimony   | 121-1 | 209.35  | 206.55  | 205.74  | 207.21     | 0.92    | ppb   |
| Arsenic    | 75-2  | 197.26  | 195.55  | 197.43  | 196.75     | 0.53    | ppb   |
| Barium     | 135-1 | 104.77  | 102.87  | 101.43  | 103.02     | 1.63    | ppb   |
| Barium     | 137-1 | 105.41  | 104.04  | 102.16  | 103.87     | 1.57    | ppb   |
| Beryllium  | 9-1   | 98.18   | 92.57   | 93.52   | 94.76      | 3.17    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 468.73  | 460.29  | 475.20  | 468.07     | 1.60    | ppb   |
| Boron      | 11-1  | 465.08  | 452.60  | 466.50  | 461.39     | 1.66    | ppb   |
| Cadmium    | 111-1 | 107.75  | 106.58  | 104.90  | 106.41     | 1.35    | ppb   |
| Cadmium    | 106-1 | 161.03  | 153.84  | 156.47  | 157.12     | 2.31    | ppb   |
| Cadmium    | 108-1 | 136.29  | 131.36  | 130.76  | 132.80     | 2.28    | ppb   |
| Calcium    | 43-1  | 1892.39 | 1819.24 | 1791.55 | 1834.39    | 2.84    | ppb   |
| Calcium    | 44-1  | 1824.60 | 1744.75 | 1754.19 | 1774.51    | 2.46    | ppb   |
| Chromium   | 52-2  | 94.61   | 96.51   | 94.61   | 95.24      | 1.15    | ppb   |
| Cobalt     | 59-2  | 96.53   | 98.47   | 97.07   | 97.36      | 1.03    | ppb   |
| Copper     | 63-2  | 98.91   | 99.32   | 98.34   | 98.85      | 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  | 887.33  | 896.02  | 884.35  | 889.23     | 0.68    | ppb   |
| Iron       | 57-2  | 885.94  | 885.04  | 868.59  | 879.86     | 1.11    | ppb   |
| Lead       | 206-1 | 200.63  | 198.45  | 200.64  | 199.90     | 0.63    | ppb   |
| Lead       | 207-1 | 192.24  | 189.00  | 190.28  | 190.50     | 0.86    | ppb   |
| Lead       | 208-1 | 199.07  | 197.37  | 197.44  | 197.96     | 0.49    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1070.17 | 1075.58 | 1077.24 | 1074.33    | 0.34    | ppb   |
| Manganese  | 55-2  | 96.50   | 97.39   | 98.25   | 97.38      | 0.90    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:37:29 | DataFile Name :   | 012ICV01.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 509.36  | 518.44   | 514.44  | 514.08     | 0.88    | ppb   |
| Molybdenum | 95-1  | 498.46  | 494.67   | 500.89  | 498.01     | 0.63    | ppb   |
| Molybdenum | 96-1  | 506.52  | 491.47   | 495.30  | 497.76     | 1.57    | ppb   |
| Molybdenum | 97-1  | 490.14  | 478.38   | 483.44  | 483.99     | 1.22    | ppb   |
| Molybdenum | 98-1  | 498.21  | 487.92   | 501.57  | 495.90     | 1.43    | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 97.75   | 99.96    | 99.23   | 98.98      | 1.14    | ppb   |
| Phosphorus | 31-2  | 0.25    | 0.59     | 23.14   | 7.99       | 164.14  | ppb   |
| Potassium  | 39-2  | 1769.40 | 1765.09  | 1754.22 | 1762.90    | 0.44    | ppb   |
| Rhodium    | 103-1 |         |          |         |            |         | %     |
| Rhodium    | 103-2 |         |          |         |            |         | %     |
| Scandium   | 45-1  |         |          |         |            |         | %     |
| Scandium   | 45-2  |         |          |         |            |         | %     |
| Selenium   | 77-2  | 173.23  | 224.14   | 223.96  | 207.11     | 14.17   | ppb   |
| Selenium   | 78-2  | 213.80  | 224.66   | 200.10  | 212.85     | 5.78    | ppb   |
| Selenium   | 82-1  | 205.66  | 198.52   | 203.75  | 202.65     | 1.82    | ppb   |
| Silicon    | 28-1  | 520.07  | 492.85   | 496.94  | 503.29     | 2.92    | ppb   |
| Silver     | 109-1 | 106.28  | 103.39   | 103.80  | 104.49     | 1.49    | ppb   |
| Silver     | 107-1 | 106.42  | 103.35   | 102.59  | 104.12     | 1.95    | ppb   |
| Sodium     | 23-2  | 1865.20 | 1875.57  | 1869.72 | 1870.16    | 0.28    | ppb   |
| Strontium  | 86-1  | 497.66  | 492.68   | 498.18  | 496.18     | 0.61    | ppb   |
| Strontium  | 88-1  | 503.78  | 495.79   | 498.33  | 499.30     | 0.82    | ppb   |
| Sulfur     | 34-1  | -461.40 | -1047.32 | -988.31 | -832.34    |         | ppb   |
| Terbium    | 159-1 |         |          |         |            |         | %     |
| Terbium    | 159-2 |         |          |         |            |         | %     |
| Thallium   | 203-1 | 205.17  | 201.30   | 206.77  | 204.41     | 1.38    | ppb   |
| Thallium   | 205-1 | 207.86  | 207.60   | 208.64  | 208.03     | 0.26    | ppb   |
| Tin        | 118-1 | 533.63  | 518.74   | 525.80  | 526.06     | 1.42    | ppb   |
| Titanium   | 47-1  | 494.14  | 479.76   | 480.31  | 484.73     | 1.68    | ppb   |
| Uranium    | 238-1 | 486.93  | 475.36   | 474.71  | 479.00     | 1.44    | ppb   |
| Vanadium   | 51-2  | 94.50   | 95.64    | 96.05   | 95.40      | 0.84    | ppb   |
| Yttrium    | 89-1  |         |          |         |            |         | %     |
| Yttrium    | 89-2  |         |          |         |            |         | %     |
| Zinc       | 66-2  | 198.82  | 199.31   | 199.18  | 199.10     | 0.13    | ppb   |
| Zirconium  | 90-1  | 528.38  | 513.95   | 520.20  | 520.84     | 1.39    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:37:29 | DataFile Name :   | 012ICV01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 523.25  | 521.34  | 521.99  | 522.19     | 0.19    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P8  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 12:40:36 DataFile Name : 013CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.16    | 2.78    | 2.73    | 2.22       | 41.30   | ppb   |
| Antimony   | 121-1 | 0.12    | 0.12    | 0.09    | 0.11       | 13.59   | ppb   |
| Arsenic    | 75-2  | 0.02    | -0.04   | 0.02    | 0.00       |         | ppb   |
| Barium     | 135-1 | -0.06   | -0.03   | -0.07   | -0.05      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.05   | -0.03   | -0.05      |         | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 26.86   | 26.57   | 23.29   | 25.57      | 7.76    | ppb   |
| Boron      | 11-1  | 26.79   | 25.44   | 24.25   | 25.49      | 4.97    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.15   | -0.08   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.34   | -1.91   | -0.89   | -1.38      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.05   | -0.05   | -0.04      |         | ppb   |
| Calcium    | 43-1  | -6.55   | -14.59  | -1.20   | -7.45      |         | ppb   |
| Calcium    | 44-1  | 12.73   | 13.33   | 14.84   | 13.63      | 7.98    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.05   | -0.11   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.07   | -0.04   | -0.02   | -0.05      |         | 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  | 1.13    | 1.24    | 0.75    | 1.04       | 25.00   | ppb   |
| Iron       | 57-2  | -0.29   | -0.19   | 0.21    | -0.09      |         | ppb   |
| Lead       | 206-1 | 0.05    | 0.08    | 0.07    | 0.07       | 26.00   | ppb   |
| Lead       | 207-1 | 0.05    | 0.04    | 0.06    | 0.05       | 16.87   | ppb   |
| Lead       | 208-1 | 0.06    | 0.06    | 0.06    | 0.06       | 2.74    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 2.45    | 2.60    | 1.69    | 2.25       | 21.61   | ppb   |
| Manganese  | 55-2  | -0.05   | -0.11   | -0.06   | -0.07      |         | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P8  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 12:40:36 DataFile Name : 013CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.00    | 0.00       | 71.28   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.02    | 0.02    | 0.02       | 38.18   | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.03   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.06    | 0.04    | 0.03       | 127.34  | ppb   |
| Phosphorus | 31-2  | 15.47   | 14.07   | 1.56    | 10.37      | 73.85   | ppb   |
| Potassium  | 39-2  | 37.74   | 23.19   | 13.90   | 24.94      | 48.18   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.64   | -0.19   | -0.20   | -0.34      |         | ppb   |
| Selenium   | 82-1  | 0.54    | -0.33   | 0.26    | 0.15       | 289.61  | ppb   |
| Silicon    | 28-1  | -4.58   | -7.07   | -4.87   | -5.51      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.01    | 0.01       | 19.31   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.02    | 0.01       | 9.22    | ppb   |
| Sodium     | 23-2  | 74.70   | 61.09   | 67.00   | 67.60      | 10.10   | ppb   |
| Strontium  | 86-1  | 0.07    | 0.01    | 0.07    | 0.05       | 72.51   | ppb   |
| Strontium  | 88-1  | 0.01    | 0.00    | 0.00    | 0.00       | 25.81   | ppb   |
| Sulfur     | 34-1  | -839.07 | -742.37 | -619.88 | -733.77    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.03    | 0.00    | 0.00    | 0.01       | 126.22  | ppb   |
| Thallium   | 205-1 | 0.03    | 0.02    | 0.02    | 0.02       | 31.63   | ppb   |
| Tin        | 118-1 | 0.18    | 0.13    | 0.18    | 0.16       | 18.19   | ppb   |
| Titanium   | 47-1  | 0.04    | 0.04    | 0.06    | 0.05       | 28.92   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.04    | -0.06   | -0.05   | -0.02      |         | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.04    | 0.01    | 0.03       | 51.41   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:40:36 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.05    | 0.01    | 0.03       | 65.39   | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB88963             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-07-21 12:43:47 | DataFile Name :   | 014ICSA01.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 83964.75 | 85732.61 | 82565.88 | 84087.75   | 1.89    | ppb   |
| Antimony   | 121-1 | 1.36     | 1.22     | 1.31     | 1.30       | 5.36    | ppb   |
| Arsenic    | 75-2  | 0.37     | 0.30     | 0.34     | 0.34       | 10.25   | ppb   |
| Barium     | 135-1 | 1.51     | 1.43     | 1.36     | 1.43       | 5.00    | ppb   |
| Barium     | 137-1 | 1.38     | 1.41     | 1.53     | 1.44       | 5.60    | ppb   |
| Beryllium  | 9-1   | 0.30     | 0.26     | 0.29     | 0.28       | 7.16    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 18.70    | 16.98    | 15.79    | 17.16      | 8.53    | ppb   |
| Boron      | 11-1  | 17.67    | 16.32    | 17.44    | 17.14      | 4.21    | ppb   |
| Cadmium    | 111-1 | 0.17     | 0.20     | 0.23     | 0.20       | 16.87   | ppb   |
| Cadmium    | 106-1 | -1.60    | -0.68    | -0.86    | -1.05      |         | ppb   |
| Cadmium    | 108-1 | 7.01     | 6.41     | 7.10     | 6.84       | 5.45    | ppb   |
| Calcium    | 43-1  | 82576.21 | 82157.32 | 82847.23 | 82526.92   | 0.42    | ppb   |
| Calcium    | 44-1  | 80823.24 | 81149.84 | 80654.74 | 80875.94   | 0.31    | ppb   |
| Chromium   | 52-2  | 19.59    | 20.32    | 20.30    | 20.07      | 2.07    | ppb   |
| Cobalt     | 59-2  | 1.06     | 1.15     | 1.04     | 1.08       | 5.13    | ppb   |
| Copper     | 63-2  | 7.86     | 8.05     | 8.08     | 8.00       | 1.49    | 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  | 90820.57 | 92461.85 | 90347.65 | 91210.02   | 1.22    | ppb   |
| Iron       | 57-2  | 92037.09 | 94277.74 | 92463.77 | 92926.20   | 1.28    | ppb   |
| Lead       | 206-1 | 4.95     | 4.85     | 4.85     | 4.88       | 1.19    | ppb   |
| Lead       | 207-1 | 4.36     | 4.29     | 4.18     | 4.28       | 2.12    | ppb   |
| Lead       | 208-1 | 4.58     | 4.50     | 4.49     | 4.52       | 1.06    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 90040.85 | 92016.43 | 89559.44 | 90538.91   | 1.44    | ppb   |
| Manganese  | 55-2  | 8.41     | 8.03     | 8.02     | 8.16       | 2.73    | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB88963             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-07-21 12:43:47 | DataFile Name :   | 014ICSA01.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 630.26    | 632.80    | 629.51    | 630.86     | 0.27    | ppb   |
| Molybdenum | 95-1  | 1911.23   | 1911.10   | 1908.36   | 1910.23    | 0.08    | ppb   |
| Molybdenum | 96-1  | 1616.45   | 1604.68   | 1593.63   | 1604.92    | 0.71    | ppb   |
| Molybdenum | 97-1  | 1931.39   | 1905.09   | 1887.62   | 1908.03    | 1.15    | ppb   |
| Molybdenum | 98-1  | 1931.14   | 1918.47   | 1888.56   | 1912.73    | 1.14    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 4.96      | 5.40      | 5.18      | 5.18       | 4.19    | ppb   |
| Phosphorus | 31-2  | 103510.42 | 105250.43 | 101174.98 | 103311.94  | 1.98    | ppb   |
| Potassium  | 39-2  | 90262.31  | 91983.52  | 89719.39  | 90655.08   | 1.30    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | -0.96     | -0.96     | -0.96     | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.19     | 0.26      | -0.19     | -0.04      |         | ppb   |
| Selenium   | 82-1  | 0.92      | 0.46      | 0.27      | 0.55       | 60.77   | ppb   |
| Silicon    | 28-1  | 23.37     | 23.18     | 19.73     | 22.09      | 9.27    | ppb   |
| Silver     | 109-1 | 0.17      | 0.19      | 0.19      | 0.19       | 6.75    | ppb   |
| Silver     | 107-1 | 0.18      | 0.19      | 0.20      | 0.19       | 5.14    | ppb   |
| Sodium     | 23-2  | 89483.83  | 91198.87  | 89464.66  | 90049.12   | 1.11    | ppb   |
| Strontium  | 86-1  | 33.49     | 33.62     | 34.21     | 33.77      | 1.14    | ppb   |
| Strontium  | 88-1  | 34.22     | 34.28     | 34.23     | 34.24      | 0.09    | ppb   |
| Sulfur     | 34-1  | 90077.57  | 91950.96  | 90218.10  | 90748.87   | 1.15    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.14      | 0.19      | 0.21      | 0.18       | 19.60   | ppb   |
| Thallium   | 205-1 | 0.20      | 0.21      | 0.23      | 0.21       | 6.89    | ppb   |
| Tin        | 118-1 | 0.41      | 0.39      | 0.47      | 0.42       | 10.72   | ppb   |
| Titanium   | 47-1  | 1930.40   | 1969.00   | 1929.42   | 1942.94    | 1.16    | ppb   |
| Uranium    | 238-1 | -0.03     | -0.04     | -0.04     | -0.03      |         | ppb   |
| Vanadium   | 51-2  | 0.10      | 0.09      | 0.14      | 0.11       | 23.99   | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 12.91     | 12.76     | 12.59     | 12.76      | 1.26    | ppb   |
| Zirconium  | 90-1  | 0.24      | 0.21      | 0.21      | 0.22       | 8.32    | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB88963             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-07-21 12:43:47 | DataFile Name :   | 014ICSA01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.21    | 0.25    | 0.22    | 0.23       | 8.77    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:46:53 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 83064.85 | 83288.08 | 82346.34 | 82899.76   | 0.59    | ppb   |
| Antimony   | 121-1 | 21.00    | 21.38    | 21.60    | 21.33      | 1.42    | ppb   |
| Arsenic    | 75-2  | 20.21    | 19.31    | 20.09    | 19.87      | 2.44    | ppb   |
| Barium     | 135-1 | 21.65    | 22.55    | 21.97    | 22.06      | 2.07    | ppb   |
| Barium     | 137-1 | 22.20    | 22.04    | 22.29    | 22.17      | 0.58    | ppb   |
| Beryllium  | 9-1   | 19.71    | 20.04    | 19.72    | 19.82      | 0.93    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 64.51    | 62.25    | 66.55    | 64.44      | 3.34    | ppb   |
| Boron      | 11-1  | 61.84    | 63.57    | 64.04    | 63.15      | 1.84    | ppb   |
| Cadmium    | 111-1 | 19.82    | 20.41    | 20.14    | 20.13      | 1.46    | ppb   |
| Cadmium    | 106-1 | 23.82    | 21.80    | 23.58    | 23.07      | 4.79    | ppb   |
| Cadmium    | 108-1 | 28.42    | 30.01    | 29.86    | 29.43      | 2.99    | ppb   |
| Calcium    | 43-1  | 82740.69 | 82049.68 | 81085.83 | 81958.73   | 1.01    | ppb   |
| Calcium    | 44-1  | 81313.16 | 81182.31 | 80421.65 | 80972.37   | 0.59    | ppb   |
| Chromium   | 52-2  | 40.67    | 39.88    | 39.02    | 39.86      | 2.07    | ppb   |
| Cobalt     | 59-2  | 21.13    | 21.14    | 21.47    | 21.25      | 0.92    | ppb   |
| Copper     | 63-2  | 27.88    | 28.50    | 28.72    | 28.37      | 1.54    | 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  | 90122.61 | 90647.52 | 91041.85 | 90603.99   | 0.51    | ppb   |
| Iron       | 57-2  | 92307.11 | 92209.07 | 93644.78 | 92720.32   | 0.87    | ppb   |
| Lead       | 206-1 | 24.46    | 24.11    | 25.54    | 24.70      | 3.02    | ppb   |
| Lead       | 207-1 | 22.39    | 22.06    | 22.90    | 22.45      | 1.87    | ppb   |
| Lead       | 208-1 | 23.58    | 23.14    | 24.08    | 23.60      | 1.99    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 89546.88 | 90182.34 | 88895.55 | 89541.59   | 0.72    | ppb   |
| Manganese  | 55-2  | 27.53    | 29.76    | 28.55    | 28.61      | 3.89    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:46:53 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 663.19    | 667.98    | 668.49    | 666.55     | 0.44    | ppb   |
| Molybdenum | 95-1  | 1911.90   | 1940.42   | 1904.76   | 1919.03    | 0.98    | ppb   |
| Molybdenum | 96-1  | 1626.71   | 1635.60   | 1600.28   | 1620.86    | 1.13    | ppb   |
| Molybdenum | 97-1  | 1915.20   | 1914.89   | 1904.19   | 1911.43    | 0.33    | ppb   |
| Molybdenum | 98-1  | 1911.57   | 1927.94   | 1912.71   | 1917.40    | 0.48    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 25.32     | 25.36     | 25.75     | 25.47      | 0.92    | ppb   |
| Phosphorus | 31-2  | 102335.59 | 101182.53 | 101452.61 | 101656.91  | 0.59    | ppb   |
| Potassium  | 39-2  | 88461.11  | 91355.23  | 89714.46  | 89843.60   | 1.62    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 19.05     | 13.44     | 36.73     | 23.07      | 52.68   | ppb   |
| Selenium   | 78-2  | 20.34     | 14.05     | 16.94     | 17.11      | 18.39   | ppb   |
| Selenium   | 82-1  | 20.75     | 20.62     | 20.07     | 20.48      | 1.75    | ppb   |
| Silicon    | 28-1  | 75.51     | 71.26     | 70.62     | 72.46      | 3.67    | ppb   |
| Silver     | 109-1 | 19.07     | 19.19     | 19.56     | 19.27      | 1.32    | ppb   |
| Silver     | 107-1 | 19.09     | 19.21     | 19.15     | 19.15      | 0.30    | ppb   |
| Sodium     | 23-2  | 89330.27  | 89647.31  | 89710.23  | 89562.60   | 0.23    | ppb   |
| Strontium  | 86-1  | 83.71     | 83.35     | 81.99     | 83.01      | 1.09    | ppb   |
| Strontium  | 88-1  | 87.58     | 85.80     | 85.29     | 86.22      | 1.39    | ppb   |
| Sulfur     | 34-1  | 91332.05  | 90192.22  | 89196.41  | 90240.23   | 1.18    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 20.37     | 20.07     | 20.96     | 20.47      | 2.22    | ppb   |
| Thallium   | 205-1 | 20.54     | 20.03     | 21.03     | 20.53      | 2.42    | ppb   |
| Tin        | 118-1 | 52.17     | 52.74     | 52.03     | 52.32      | 0.72    | ppb   |
| Titanium   | 47-1  | 1984.61   | 1965.59   | 1968.34   | 1972.85    | 0.52    | ppb   |
| Uranium    | 238-1 | 50.98     | 50.55     | 51.30     | 50.94      | 0.75    | ppb   |
| Vanadium   | 51-2  | 20.03     | 20.33     | 20.49     | 20.29      | 1.16    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 31.72     | 31.66     | 32.07     | 31.82      | 0.70    | ppb   |
| Zirconium  | 90-1  | 53.77     | 53.83     | 53.42     | 53.67      | 0.41    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:46:53 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 53.33   | 53.08   | 52.73   | 53.05      | 0.57    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 12:49:59 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 44871.94  | 44675.61  | 43859.64  | 44469.06   | 1.21    | ppb   |
| Antimony   | 121-1 | 533.47    | 517.97    | 505.62    | 519.02     | 2.69    | ppb   |
| Arsenic    | 75-2  | 500.23    | 506.92    | 504.02    | 503.72     | 0.67    | ppb   |
| Barium     | 135-1 | 2714.19   | 2602.41   | 2573.80   | 2630.13    | 2.82    | ppb   |
| Barium     | 137-1 | 2702.88   | 2595.74   | 2566.37   | 2621.66    | 2.74    | ppb   |
| Beryllium  | 9-1   | 533.00    | 507.18    | 503.27    | 514.48     | 3.14    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 531.98    | 508.90    | 513.75    | 518.21     | 2.35    | ppb   |
| Boron      | 11-1  | 525.06    | 507.73    | 511.10    | 514.63     | 1.79    | ppb   |
| Cadmium    | 111-1 | 523.54    | 504.82    | 496.15    | 508.17     | 2.75    | ppb   |
| Cadmium    | 106-1 | 523.96    | 514.53    | 501.88    | 513.46     | 2.16    | ppb   |
| Cadmium    | 108-1 | 524.51    | 508.90    | 500.59    | 511.33     | 2.37    | ppb   |
| Calcium    | 43-1  | 217410.63 | 206505.00 | 207351.47 | 210422.37  | 2.88    | ppb   |
| Calcium    | 44-1  | 217623.65 | 205565.16 | 207078.04 | 210088.95  | 3.13    | ppb   |
| Chromium   | 52-2  | 518.07    | 517.05    | 505.31    | 513.48     | 1.38    | ppb   |
| Cobalt     | 59-2  | 491.33    | 490.71    | 479.60    | 487.21     | 1.35    | ppb   |
| Copper     | 63-2  | 989.09    | 985.84    | 958.47    | 977.80     | 1.72    | 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  | 112209.14 | 111550.61 | 107575.21 | 110444.99  | 2.27    | ppb   |
| Iron       | 57-2  | 113512.44 | 113653.31 | 110205.73 | 112457.16  | 1.73    | ppb   |
| Lead       | 206-1 | 533.72    | 508.99    | 511.07    | 517.92     | 2.65    | ppb   |
| Lead       | 207-1 | 525.24    | 515.56    | 505.24    | 515.35     | 1.94    | ppb   |
| Lead       | 208-1 | 534.13    | 508.40    | 513.39    | 518.64     | 2.63    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 225360.21 | 225030.47 | 219303.39 | 223231.36  | 1.53    | ppb   |
| Manganese  | 55-2  | 1020.17   | 1016.20   | 985.24    | 1007.20    | 1.90    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 12:49:59 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 512.62    | 493.79    | 490.41    | 498.94     | 2.40    | ppb   |
| Molybdenum | 95-1  | 527.08    | 507.91    | 505.77    | 513.59     | 2.28    | ppb   |
| Molybdenum | 96-1  | 522.98    | 500.59    | 499.66    | 507.74     | 2.60    | ppb   |
| Molybdenum | 97-1  | 517.56    | 495.91    | 492.64    | 502.04     | 2.70    | ppb   |
| Molybdenum | 98-1  | 518.34    | 510.24    | 506.22    | 511.60     | 1.21    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 495.67    | 499.18    | 483.69    | 492.85     | 1.65    | ppb   |
| Phosphorus | 31-2  | 9786.56   | 10398.31  | 9384.82   | 9856.56    | 5.18    | ppb   |
| Potassium  | 39-2  | 112982.32 | 112417.26 | 112149.73 | 112516.44  | 0.38    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 476.64    | 627.65    | 521.62    | 541.97     | 14.31   | ppb   |
| Selenium   | 78-2  | 510.60    | 526.33    | 491.98    | 509.63     | 3.37    | ppb   |
| Selenium   | 82-1  | 520.57    | 505.70    | 498.28    | 508.18     | 2.23    | ppb   |
| Silicon    | 28-1  | 561.47    | 542.03    | 548.58    | 550.69     | 1.80    | ppb   |
| Silver     | 109-1 | 535.15    | 513.85    | 505.39    | 518.13     | 2.96    | ppb   |
| Silver     | 107-1 | 535.92    | 511.86    | 503.10    | 516.96     | 3.29    | ppb   |
| Sodium     | 23-2  | 225336.23 | 223837.32 | 219578.97 | 222917.51  | 1.34    | ppb   |
| Strontium  | 86-1  | 537.28    | 522.07    | 519.29    | 526.21     | 1.84    | ppb   |
| Strontium  | 88-1  | 545.57    | 520.12    | 516.58    | 527.43     | 3.00    | ppb   |
| Sulfur     | 34-1  | 12961.87  | 11622.56  | 11912.50  | 12165.64   | 5.79    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 531.45    | 516.54    | 512.77    | 520.25     | 1.90    | ppb   |
| Thallium   | 205-1 | 532.73    | 509.57    | 507.13    | 516.47     | 2.74    | ppb   |
| Tin        | 118-1 | 548.88    | 525.21    | 514.33    | 529.47     | 3.34    | ppb   |
| Titanium   | 47-1  | 518.66    | 494.07    | 497.30    | 503.34     | 2.65    | ppb   |
| Uranium    | 238-1 | 533.65    | 518.10    | 511.30    | 521.02     | 2.20    | ppb   |
| Vanadium   | 51-2  | 515.03    | 511.78    | 498.40    | 508.40     | 1.73    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 976.85    | 982.61    | 949.83    | 969.76     | 1.80    | ppb   |
| Zirconium  | 90-1  | 502.44    | 482.77    | 482.42    | 489.21     | 2.34    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 12:49:59 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 509.25  | 482.92  | 476.85  | 489.67     | 3.52    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:53:01 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.06    | 1.88    | 1.89    | 1.61       | 29.73   | ppb   |
| Antimony   | 121-1 | 0.16    | 0.13    | 0.14    | 0.14       | 10.95   | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.06    | 0.03    | 0.04       | 49.36   | ppb   |
| Barium     | 135-1 | -0.03   | -0.03   | -0.08   | -0.05      |         | ppb   |
| Barium     | 137-1 | -0.04   | -0.04   | -0.01   | -0.03      |         | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.04    | 0.02       | 53.15   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 18.04   | 16.72   | 15.87   | 16.88      | 6.50    | ppb   |
| Boron      | 11-1  | 17.43   | 17.12   | 15.84   | 16.80      | 5.00    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.10   | -0.04   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.72   | -1.14   | -0.47   | -1.11      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 20.98   | 9.12    | -7.33   | 7.59       | 187.34  | ppb   |
| Calcium    | 44-1  | 20.09   | 16.57   | 16.26   | 17.64      | 12.07   | ppb   |
| Chromium   | 52-2  | -0.04   | -0.01   | -0.06   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Copper     | 63-2  | -0.02   | 0.03    | 0.05    | 0.02       | 177.50  | 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  | 1.77    | 1.48    | 1.20    | 1.48       | 19.06   | ppb   |
| Iron       | 57-2  | 2.42    | 3.12    | 1.33    | 2.29       | 39.52   | ppb   |
| Lead       | 206-1 | 0.07    | 0.06    | 0.08    | 0.07       | 17.00   | ppb   |
| Lead       | 207-1 | 0.02    | 0.07    | 0.04    | 0.04       | 46.07   | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.06    | 0.05       | 5.37    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1.81    | 3.31    | 2.33    | 2.48       | 30.65   | ppb   |
| Manganese  | 55-2  | -0.11   | 0.01    | -0.11   | -0.07      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:53:01 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.05     | 0.04     | 0.04       | 16.15   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.01     | -0.01    | 0.00       | 409.26  | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.01     | 0.02     | 0.02       | 50.95   | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.05     | 0.01     | 0.02       | 142.38  | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00     | 0.02     | 0.01       | 126.72  | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.04    | 0.02     | -0.04    | 0.01       | 511.43  | ppb   |
| Phosphorus | 31-2  | -10.58  | -22.44   | -22.44   | -18.49     |         | ppb   |
| Potassium  | 39-2  | 21.54   | 25.35    | 31.24    | 26.04      | 18.77   | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96    | -0.96    | -0.96      |         | ppb   |
| Selenium   | 78-2  | -1.11   | -0.21    | -0.21    | -0.51      |         | ppb   |
| Selenium   | 82-1  | -0.06   | -0.77    | 0.17     | -0.22      |         | ppb   |
| Silicon    | 28-1  | -9.18   | -9.21    | -9.39    | -9.26      |         | ppb   |
| Silver     | 109-1 | 0.04    | 0.04     | 0.04     | 0.04       | 5.59    | ppb   |
| Silver     | 107-1 | 0.04    | 0.04     | 0.05     | 0.04       | 6.19    | ppb   |
| Sodium     | 23-2  | 87.68   | 82.55    | 78.92    | 83.05      | 5.30    | ppb   |
| Strontium  | 86-1  | 0.05    | 0.04     | 0.06     | 0.05       | 28.50   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.01     | 0.01     | 0.01       | 37.40   | ppb   |
| Sulfur     | 34-1  | -975.56 | -1131.08 | -1004.69 | -1037.11   |         | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | 0.04    | 0.02     | 0.03     | 0.03       | 40.79   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.03     | 0.01     | 0.03       | 41.59   | ppb   |
| Tin        | 118-1 | 0.13    | 0.10     | 0.09     | 0.11       | 17.27   | ppb   |
| Titanium   | 47-1  | 0.00    | -0.01    | 0.02     | 0.00       | 1505.92 | ppb   |
| Uranium    | 238-1 | -0.02   | -0.03    | -0.02    | -0.03      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.02    | -0.01    | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 0.24    | 0.04     | -0.01    | 0.09       | 144.39  | ppb   |
| Zirconium  | 90-1  | 0.07    | 0.04     | 0.06     | 0.06       | 21.80   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:53:01 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.08    | 0.04    | 0.06       | 36.28   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:56:12 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.45   | 18.17   | 19.59   | 17.74      | 11.85   | ppb   |
| Antimony   | 121-1 | 2.02    | 2.13    | 1.99    | 2.04       | 3.58    | ppb   |
| Arsenic    | 75-2  | 0.93    | 1.05    | 0.93    | 0.97       | 7.38    | ppb   |
| Barium     | 135-1 | 9.72    | 9.82    | 9.53    | 9.69       | 1.51    | ppb   |
| Barium     | 137-1 | 9.49    | 10.15   | 9.28    | 9.64       | 4.70    | ppb   |
| Beryllium  | 9-1   | 1.09    | 1.00    | 0.81    | 0.97       | 14.55   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 31.02   | 29.90   | 31.91   | 30.94      | 3.26    | ppb   |
| Boron      | 11-1  | 29.06   | 31.90   | 30.25   | 30.40      | 4.69    | ppb   |
| Cadmium    | 111-1 | 0.94    | 0.96    | 0.96    | 0.96       | 1.21    | ppb   |
| Cadmium    | 106-1 | 0.10    | -0.09   | -0.13   | -0.04      |         | ppb   |
| Cadmium    | 108-1 | 0.81    | 0.73    | 0.73    | 0.76       | 5.77    | ppb   |
| Calcium    | 43-1  | 377.16  | 416.57  | 399.06  | 397.60     | 4.97    | ppb   |
| Calcium    | 44-1  | 384.00  | 411.18  | 380.78  | 391.99     | 4.26    | ppb   |
| Chromium   | 52-2  | 1.88    | 1.92    | 1.96    | 1.92       | 1.99    | ppb   |
| Cobalt     | 59-2  | 0.89    | 0.91    | 0.86    | 0.89       | 2.69    | ppb   |
| Copper     | 63-2  | 2.16    | 2.21    | 2.20    | 2.19       | 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  | 43.04   | 44.14   | 43.77   | 43.65      | 1.28    | ppb   |
| Iron       | 57-2  | 40.16   | 41.56   | 44.90   | 42.21      | 5.77    | ppb   |
| Lead       | 206-1 | 0.96    | 1.08    | 0.91    | 0.98       | 9.20    | ppb   |
| Lead       | 207-1 | 0.91    | 1.03    | 0.92    | 0.95       | 7.34    | ppb   |
| Lead       | 208-1 | 0.96    | 1.03    | 0.95    | 0.98       | 4.77    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 428.48  | 420.82  | 407.54  | 418.95     | 2.53    | ppb   |
| Manganese  | 55-2  | 0.87    | 0.82    | 0.91    | 0.87       | 4.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:56:12 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.09     | 2.18    | 2.10     | 2.12       | 2.18    | ppb   |
| Molybdenum | 95-1  | 4.49     | 4.67    | 4.38     | 4.51       | 3.27    | ppb   |
| Molybdenum | 96-1  | 3.77     | 4.03    | 3.72     | 3.84       | 4.31    | ppb   |
| Molybdenum | 97-1  | 4.25     | 4.67    | 4.53     | 4.48       | 4.79    | ppb   |
| Molybdenum | 98-1  | 4.45     | 4.68    | 4.45     | 4.53       | 2.94    | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 0.76     | 0.80    | 0.99     | 0.85       | 14.44   | ppb   |
| Phosphorus | 31-2  | -22.44   | -10.62  | 12.69    | -6.79      |         | ppb   |
| Potassium  | 39-2  | 437.58   | 415.42  | 452.45   | 435.15     | 4.28    | ppb   |
| Rhodium    | 103-1 |          |         |          |            |         | %     |
| Rhodium    | 103-2 |          |         |          |            |         | %     |
| Scandium   | 45-1  |          |         |          |            |         | %     |
| Scandium   | 45-2  |          |         |          |            |         | %     |
| Selenium   | 77-2  | 4.63     | 1.84    | 4.65     | 3.71       | 43.61   | ppb   |
| Selenium   | 78-2  | 7.80     | 5.15    | 6.05     | 6.34       | 21.28   | ppb   |
| Selenium   | 82-1  | 5.89     | 5.16    | 4.53     | 5.19       | 13.19   | ppb   |
| Silicon    | 28-1  | -1.57    | 2.65    | -2.48    | -0.47      |         | ppb   |
| Silver     | 109-1 | 1.39     | 1.40    | 1.33     | 1.38       | 2.70    | ppb   |
| Silver     | 107-1 | 1.40     | 1.43    | 1.32     | 1.38       | 4.10    | ppb   |
| Sodium     | 23-2  | 501.73   | 489.54  | 493.26   | 494.84     | 1.26    | ppb   |
| Strontium  | 86-1  | 0.90     | 1.06    | 0.94     | 0.97       | 8.51    | ppb   |
| Strontium  | 88-1  | 0.94     | 0.99    | 0.99     | 0.97       | 2.70    | ppb   |
| Sulfur     | 34-1  | -1202.39 | -528.22 | -1069.26 | -933.29    |         | ppb   |
| Terbium    | 159-1 |          |         |          |            |         | %     |
| Terbium    | 159-2 |          |         |          |            |         | %     |
| Thallium   | 203-1 | 0.99     | 0.94    | 0.89     | 0.94       | 5.27    | ppb   |
| Thallium   | 205-1 | 0.91     | 1.03    | 0.98     | 0.97       | 6.03    | ppb   |
| Tin        | 118-1 | 4.81     | 5.23    | 4.85     | 4.97       | 4.68    | ppb   |
| Titanium   | 47-1  | 4.32     | 4.28    | 4.62     | 4.41       | 4.28    | ppb   |
| Uranium    | 238-1 | 0.86     | 0.92    | 0.79     | 0.86       | 7.56    | ppb   |
| Vanadium   | 51-2  | 4.56     | 4.63    | 4.34     | 4.51       | 3.35    | ppb   |
| Yttrium    | 89-1  |          |         |          |            |         | %     |
| Yttrium    | 89-2  |          |         |          |            |         | %     |
| Zinc       | 66-2  | 2.31     | 1.62    | 1.99     | 1.97       | 17.44   | ppb   |
| Zirconium  | 90-1  | 0.99     | 1.01    | 1.05     | 1.02       | 3.09    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:56:12 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.06    | 1.08    | 1.04    | 1.06       | 1.75    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100825BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100825BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:01:52 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.10    | 0.24    | 1.05    | 0.80       | 60.28   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.02    | 0.02       | 18.46   | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Barium     | 135-1 | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.07   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.98    | 5.56    | 5.23    | 5.59       | 6.69    | ppb   |
| Boron      | 11-1  | 6.02    | 5.70    | 5.15    | 5.62       | 7.80    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.15   | -0.03   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -1.37   | -1.68   | -0.05   | -1.03      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.01    | -0.11   | 0.00       |         | ppb   |
| Calcium    | 43-1  | -1.20   | 0.85    | -0.27   | -0.20      |         | ppb   |
| Calcium    | 44-1  | 6.65    | 4.95    | 8.02    | 6.54       | 23.47   | ppb   |
| Chromium   | 52-2  | -0.14   | -0.14   | -0.14   | -0.14      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.04   | -0.05   | -0.09   | -0.06      |         | 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  | 0.05    | 0.35    | -0.04   | 0.12       | 170.02  | ppb   |
| Iron       | 57-2  | 1.19    | 0.64    | 1.51    | 1.11       | 39.17   | ppb   |
| Lead       | 206-1 | -0.03   | 0.00    | 0.02    | 0.00       |         | ppb   |
| Lead       | 207-1 | -0.01   | -0.01   | -0.04   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.02   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.40    | 0.84    | 0.65    | 0.63       | 35.17   | ppb   |
| Manganese  | 55-2  | -0.05   | 0.03    | -0.08   | -0.04      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100825BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100825BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:01:52 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.04   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.12   | -0.13   | -0.11   | -0.12      |         | ppb   |
| Phosphorus | 31-2  | 1.87    | -10.52  | -10.62  | -6.42      |         | ppb   |
| Potassium  | 39-2  | 9.65    | 4.28    | 2.00    | 5.31       | 73.91   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.20   | 0.25    | -0.21   | -0.05      |         | ppb   |
| Selenium   | 82-1  | -0.08   | -0.74   | 0.16    | -0.22      |         | ppb   |
| Silicon    | 28-1  | -12.10  | -14.24  | -15.11  | -13.82     |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.01    | 0.01       | 28.10   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.02    | 0.02       | 13.36   | ppb   |
| Sodium     | 23-2  | 41.20   | 37.30   | 32.20   | 36.90      | 12.23   | ppb   |
| Strontium  | 86-1  | 0.03    | -0.01   | 0.01    | 0.01       | 204.19  | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -677.18 | -773.20 | -780.53 | -743.64    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.06    | 0.01    | 0.01    | 0.03       | 102.43  | ppb   |
| Titanium   | 47-1  | 0.05    | -0.01   | -0.02   | 0.00       | 1051.72 | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.30   | -0.27   | -0.35   | -0.31      |         | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.01    | 0.01       | 55.23   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100825BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100825BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:01:52 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.02    | 0.02       | 53.07   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100825BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100825BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:05:05 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.09    | 1.07    | 4.30    | 2.15       | 86.56   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.02    | 0.02       | 32.18   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.03    | -0.03   | 0.00       | 1323.22 | ppb   |
| Barium     | 135-1 | -0.08   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.42    | 4.27    | 5.13    | 4.94       | 12.19   | ppb   |
| Boron      | 11-1  | 5.07    | 5.02    | 5.05    | 5.05       | 0.48    | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.08   | -0.07   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -0.79   | -0.78   | -0.65   | -0.74      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.08   | -0.11   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 10.64   | 4.35    | 0.58    | 5.19       | 97.95   | ppb   |
| Calcium    | 44-1  | 14.51   | 10.64   | 11.12   | 12.09      | 17.46   | ppb   |
| Chromium   | 52-2  | -0.08   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.06   | -0.03   | -0.04      |         | ppb   |
| Copper     | 63-2  | -0.07   | -0.02   | -0.03   | -0.04      |         | 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    | 0.86    | 0.80    | 0.75       | 20.72   | ppb   |
| Iron       | 57-2  | 3.00    | 0.65    | 0.37    | 1.34       | 107.81  | ppb   |
| Lead       | 206-1 | 495.77  | 492.04  | 486.82  | 491.55     | 0.91    | ppb   |
| Lead       | 207-1 | 476.64  | 495.23  | 483.10  | 484.99     | 1.95    | ppb   |
| Lead       | 208-1 | 488.40  | 495.66  | 490.72  | 491.59     | 0.75    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.89    | 1.17    | 1.95    | 1.34       | 41.27   | ppb   |
| Manganese  | 55-2  | 0.01    | 0.03    | -0.11   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100825BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100825BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:05:05 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.02   | 0.01    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.04   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.11   | -0.10   | -0.14   | -0.12      |         | ppb   |
| Phosphorus | 31-2  | -10.36  | 49.19   | 13.00   | 17.28      | 173.68  | ppb   |
| Potassium  | 39-2  | 7.26    | 1.04    | 9.40    | 5.90       | 73.65   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.86    | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.25    | -0.21   | -0.21   | -0.06      |         | ppb   |
| Selenium   | 82-1  | -0.16   | -1.10   | -1.22   | -0.82      |         | ppb   |
| Silicon    | 28-1  | -12.12  | -10.27  | -10.03  | -10.81     |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.02       | 37.39   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.01    | 0.02       | 35.63   | ppb   |
| Sodium     | 23-2  | 34.70   | 30.79   | 31.25   | 32.25      | 6.62    | ppb   |
| Strontium  | 86-1  | 0.00    | 0.04    | 0.02    | 0.02       | 93.30   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 233.11  | ppb   |
| Sulfur     | 34-1  | -563.72 | -569.81 | -498.43 | -543.99    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.43    | 0.42    | 0.40    | 0.42       | 4.01    | ppb   |
| Titanium   | 47-1  | -0.02   | 0.06    | 0.05    | 0.03       | 164.38  | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.13    | 1.17    | 1.33    | 1.21       | 8.68    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 25.90   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100825BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100825BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:05:05 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.02    | 0.02       | 64.44   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-01 Instrumnet Name : P8  
 Client Sample ID : DC1296-01-FL1-BR-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:08:14 DataFile Name : 021SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.40    | 7.82    | 18.43   | 11.88      | 48.17   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.08    | 0.07       | 11.76   | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.19    | 0.33    | 0.25       | 31.18   | ppb   |
| Barium     | 135-1 | 18.22   | 17.60   | 18.49   | 18.10      | 2.50    | ppb   |
| Barium     | 137-1 | 17.78   | 17.70   | 18.36   | 17.95      | 1.99    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.05   | -0.01   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.21    | 5.72    | 6.53    | 6.49       | 11.47   | ppb   |
| Boron      | 11-1  | 6.90    | 6.56    | 7.02    | 6.83       | 3.48    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.11   | -0.06   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.19   | -1.34   | -0.67   | -0.74      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4474.10 | 4383.78 | 4616.52 | 4491.47    | 2.61    | ppb   |
| Calcium    | 44-1  | 4560.32 | 4460.26 | 4731.54 | 4584.04    | 2.99    | ppb   |
| Chromium   | 52-2  | -0.02   | 0.00    | -0.03   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.02   | -0.05   | -0.04      |         | ppb   |
| Copper     | 63-2  | 72.97   | 72.38   | 71.41   | 72.25      | 1.09    | 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  | 22.57   | 27.96   | 22.27   | 24.27      | 13.20   | ppb   |
| Iron       | 57-2  | 23.23   | 26.04   | 18.14   | 22.47      | 17.81   | ppb   |
| Lead       | 206-1 | 0.99    | 0.90    | 0.93    | 0.94       | 4.76    | ppb   |
| Lead       | 207-1 | 0.74    | 0.81    | 0.81    | 0.79       | 5.30    | ppb   |
| Lead       | 208-1 | 0.86    | 0.85    | 0.85    | 0.86       | 0.46    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1023.64 | 1017.51 | 999.39  | 1013.51    | 1.24    | ppb   |
| Manganese  | 55-2  | 17.06   | 16.61   | 16.68   | 16.78      | 1.44    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-01 Instrumnet Name : P8  
 Client Sample ID : DC1296-01-FL1-BR-W4-Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:08:14 DataFile Name : 021SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06    | 0.04    | 0.06    | 0.05       | 23.52   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.01    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.03    | 0.02       | 40.78   | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.00    | 0.00    | 0.01       | 141.72  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.62    | 2.46    | 2.43    | 2.50       | 4.03    | ppb   |
| Phosphorus | 31-2  | 757.32  | 642.42  | 628.50  | 676.08     | 10.46   | ppb   |
| Potassium  | 39-2  | 453.27  | 420.60  | 432.86  | 435.58     | 3.79    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.71    | -0.96   | -0.96   | -0.07      |         | ppb   |
| Selenium   | 78-2  | -1.11   | 0.97    | -0.26   | -0.13      |         | ppb   |
| Selenium   | 82-1  | -0.07   | 0.09    | -0.42   | -0.13      |         | ppb   |
| Silicon    | 28-1  | 972.82  | 946.56  | 1039.07 | 986.15     | 4.83    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.01    | 0.01       | 38.17   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.02    | 0.01       | 69.84   | ppb   |
| Sodium     | 23-2  | 8997.12 | 8858.16 | 8867.76 | 8907.68    | 0.87    | ppb   |
| Strontium  | 86-1  | 18.72   | 18.88   | 19.54   | 19.05      | 2.28    | ppb   |
| Strontium  | 88-1  | 18.73   | 18.53   | 19.52   | 18.93      | 2.75    | ppb   |
| Sulfur     | 34-1  | -141.84 | -156.57 | 538.19  | 79.93      | 496.63  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.30    | 0.22    | 0.38    | 0.30       | 26.75   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.04    | 0.04    | 0.05       | 29.79   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 31.32   | 31.68   | 30.24   | 31.08      | 2.42    | ppb   |
| Zirconium  | 90-1  | 0.08    | 0.08    | 0.08    | 0.08       | 4.94    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-01             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-01-FL1-BR-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:08:14  | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.08    | 0.09    | 0.09       | 10.59   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-02 Instrumnet Name : P8  
 Client Sample ID : DC1296-02-FL1-BR-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:11:23 DataFile Name : 022SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.74   | 11.81   | 14.89   | 13.48      | 11.55   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.07    | 0.05    | 0.05       | 19.22   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.26    | 0.24    | 0.26       | 4.33    | ppb   |
| Barium     | 135-1 | 17.51   | 17.46   | 17.48   | 17.48      | 0.15    | ppb   |
| Barium     | 137-1 | 17.41   | 16.91   | 17.26   | 17.20      | 1.50    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.55    | 5.72    | 5.55    | 6.27       | 17.68   | ppb   |
| Boron      | 11-1  | 6.69    | 6.56    | 6.08    | 6.44       | 5.05    | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.14   | -0.11   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.01   | -1.75   | -1.24   | -1.33      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 4456.64 | 4551.68 | 4484.68 | 4497.67    | 1.09    | ppb   |
| Calcium    | 44-1  | 4582.77 | 4601.39 | 4580.20 | 4588.12    | 0.25    | ppb   |
| Chromium   | 52-2  | 0.00    | 0.00    | 0.03    | 0.01       | 182.44  | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Copper     | 63-2  | 30.41   | 29.77   | 29.25   | 29.81      | 1.94    | 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  | 24.56   | 23.33   | 21.66   | 23.18      | 6.29    | ppb   |
| Iron       | 57-2  | 22.68   | 21.55   | 19.17   | 21.13      | 8.47    | ppb   |
| Lead       | 206-1 | 0.13    | 0.12    | 0.12    | 0.12       | 7.79    | ppb   |
| Lead       | 207-1 | 0.09    | 0.10    | 0.09    | 0.09       | 9.05    | ppb   |
| Lead       | 208-1 | 0.12    | 0.11    | 0.12    | 0.11       | 4.21    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1048.84 | 1026.45 | 1008.72 | 1028.00    | 1.96    | ppb   |
| Manganese  | 55-2  | 13.18   | 12.33   | 12.42   | 12.64      | 3.67    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-02 Instrumnet Name : P8  
 Client Sample ID : DC1296-02-FL1-BR-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:11:23 DataFile Name : 022SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | 0.04    | 0.04    | 0.03    | 0.04       | 9.41     | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.01    | -0.01   | 0.00       | 377.34   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.02    | 0.01    | 0.01       | 40.88    | ppb   |
| Molybdenum | 97-1  | -0.04   | 0.02    | 0.02    | 0.00       | 25843.77 | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.00    | 0.01       | 57.89    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | 0.50    | 0.48    | 0.47    | 0.48       | 3.84     | ppb   |
| Phosphorus | 31-2  | 750.99  | 696.78  | 740.98  | 729.58     | 3.95     | ppb   |
| Potassium  | 39-2  | 495.53  | 479.56  | 449.26  | 474.78     | 4.95     | ppb   |
| Rhodium    | 103-1 |         |         |         |            |          | %     |
| Rhodium    | 103-2 |         |         |         |            |          | %     |
| Scandium   | 45-1  |         |         |         |            |          | %     |
| Scandium   | 45-2  |         |         |         |            |          | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |          | ppb   |
| Selenium   | 78-2  | -0.26   | 0.15    | -0.27   | -0.12      |          | ppb   |
| Selenium   | 82-1  | 0.26    | 0.43    | -0.26   | 0.14       | 247.91   | ppb   |
| Silicon    | 28-1  | 969.87  | 965.65  | 971.47  | 968.99     | 0.31     | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.31    | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 12.40    | ppb   |
| Sodium     | 23-2  | 9415.11 | 9108.43 | 9031.71 | 9185.08    | 2.21     | ppb   |
| Strontium  | 86-1  | 18.26   | 18.34   | 18.34   | 18.31      | 0.26     | ppb   |
| Strontium  | 88-1  | 18.36   | 18.46   | 18.68   | 18.50      | 0.89     | ppb   |
| Sulfur     | 34-1  | -567.08 | -462.83 | -519.83 | -516.58    |          | ppb   |
| Terbium    | 159-1 |         |         |         |            |          | %     |
| Terbium    | 159-2 |         |         |         |            |          | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.04   | -0.04      |          | ppb   |
| Thallium   | 205-1 | -0.03   | -0.02   | -0.03   | -0.03      |          | ppb   |
| Tin        | 118-1 | -0.03   | -0.06   | -0.04   | -0.04      |          | ppb   |
| Titanium   | 47-1  | 0.36    | 0.46    | 0.35    | 0.39       | 16.07    | ppb   |
| Uranium    | 238-1 | -0.04   | -0.04   | -0.04   | -0.04      |          | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.02    | 0.07    | 0.03       | 78.00    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |          | %     |
| Yttrium    | 89-2  |         |         |         |            |          | %     |
| Zinc       | 66-2  | 10.79   | 10.13   | 9.98    | 10.30      | 4.19     | ppb   |
| Zirconium  | 90-1  | 0.08    | 0.06    | 0.07    | 0.07       | 13.69    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-02             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-02-FL1-BR-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:11:23  | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.08    | 0.06    | 0.07       | 14.54   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-03 Instrumnet Name : P8  
 Client Sample ID : DC1296-03-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:14:32 DataFile Name : 023SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.94   | 8.68    | 12.98   | 12.20      | 26.26   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.08    | 0.10    | 0.08       | 15.80   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.34    | 0.18    | 0.26       | 30.18   | ppb   |
| Barium     | 135-1 | 20.14   | 19.83   | 21.26   | 20.41      | 3.67    | ppb   |
| Barium     | 137-1 | 19.64   | 19.93   | 20.98   | 20.19      | 3.48    | ppb   |
| Beryllium  | 9-1   | -0.04   | -0.03   | -0.06   | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.15    | 6.72    | 7.49    | 6.79       | 9.94    | ppb   |
| Boron      | 11-1  | 6.50    | 6.30    | 7.42    | 6.74       | 8.90    | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.09   | -0.12   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.39   | -0.99   | -1.55   | -1.31      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.03   | 0.01    | 0.00       |         | ppb   |
| Calcium    | 43-1  | 4730.82 | 4594.91 | 5100.77 | 4808.83    | 5.44    | ppb   |
| Calcium    | 44-1  | 4823.55 | 4703.75 | 5104.84 | 4877.38    | 4.22    | ppb   |
| Chromium   | 52-2  | 0.04    | 0.02    | -0.01   | 0.02       | 150.33  | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Copper     | 63-2  | 155.04  | 153.67  | 149.46  | 152.72     | 1.90    | 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  | 17.64   | 15.64   | 14.66   | 15.98      | 9.52    | ppb   |
| Iron       | 57-2  | 18.81   | 17.40   | 17.12   | 17.78      | 5.11    | ppb   |
| Lead       | 206-1 | 0.97    | 0.95    | 1.01    | 0.98       | 3.37    | ppb   |
| Lead       | 207-1 | 0.83    | 0.86    | 0.99    | 0.89       | 9.32    | ppb   |
| Lead       | 208-1 | 0.91    | 0.88    | 0.98    | 0.92       | 5.68    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1047.04 | 1040.79 | 1038.65 | 1042.16    | 0.42    | ppb   |
| Manganese  | 55-2  | 9.93    | 10.03   | 9.56    | 9.84       | 2.52    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-03             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-03-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:14:32  | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.01    | 0.05    | 0.03       | 61.67   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.01    | 0.03    | 0.02       | 62.53   | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.03    | 0.02    | 0.02       | 87.61   | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.02   | 0.03    | 0.00       | 715.21  | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.00    | 0.02    | 0.01       | 93.61   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.00    | 1.05    | 0.95    | 1.00       | 4.79    | ppb   |
| Phosphorus | 31-2  | 686.99  | 750.03  | 677.41  | 704.81     | 5.60    | ppb   |
| Potassium  | 39-2  | 456.13  | 452.41  | 448.91  | 452.48     | 0.80    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -1.11   | 0.58    | -0.68   | -0.40      |         | ppb   |
| Selenium   | 82-1  | 0.52    | 0.32    | -0.40   | 0.15       | 330.21  | ppb   |
| Silicon    | 28-1  | 1001.04 | 1006.54 | 1069.91 | 1025.83    | 3.73    | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.04    | 0.03       | 7.15    | ppb   |
| Silver     | 107-1 | 0.03    | 0.03    | 0.02    | 0.03       | 12.27   | ppb   |
| Sodium     | 23-2  | 9196.50 | 9134.46 | 8888.42 | 9073.13    | 1.80    | ppb   |
| Strontium  | 86-1  | 19.79   | 20.38   | 21.51   | 20.56      | 4.25    | ppb   |
| Strontium  | 88-1  | 20.12   | 20.40   | 21.49   | 20.67      | 3.49    | ppb   |
| Sulfur     | 34-1  | -447.53 | -547.14 | 608.65  | -128.68    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.31    | 0.28    | 0.30    | 0.30       | 4.39    | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.04    | 0.05    | 0.05       | 24.54   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 36.45   | 37.03   | 36.80   | 36.76      | 0.79    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.06    | 0.05    | 0.06       | 2.64    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-03             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-03-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:14:32  | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.05    | 0.06    | 0.06       | 7.63    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-04 Instrumnet Name : P8  
 Client Sample ID : DC1296-04-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:17:40 DataFile Name : 024SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.82   | 6.42    | 8.62    | 8.96       | 30.29   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.06    | 0.05       | 7.62    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.28    | 0.25    | 0.26       | 5.52    | ppb   |
| Barium     | 135-1 | 18.36   | 18.32   | 19.13   | 18.61      | 2.44    | ppb   |
| Barium     | 137-1 | 18.24   | 19.23   | 18.82   | 18.76      | 2.64    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.77    | 5.55    | 6.34    | 5.55       | 14.16   | ppb   |
| Boron      | 11-1  | 5.91    | 5.95    | 5.49    | 5.78       | 4.35    | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.09   | -0.15   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.77   | -1.05   | -1.74   | -1.52      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | -0.09   | -0.03   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4507.35 | 4445.24 | 4417.14 | 4456.58    | 1.04    | ppb   |
| Calcium    | 44-1  | 4537.40 | 4537.18 | 4520.02 | 4531.53    | 0.22    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.05    | -0.03   | 0.01       | 356.07  | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.07   | -0.06      |         | ppb   |
| Copper     | 63-2  | 79.83   | 79.98   | 86.20   | 82.00      | 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  | 20.67   | 20.02   | 22.13   | 20.94      | 5.15    | ppb   |
| Iron       | 57-2  | 20.07   | 24.25   | 21.52   | 21.94      | 9.68    | ppb   |
| Lead       | 206-1 | 0.12    | 0.11    | 0.12    | 0.12       | 4.55    | ppb   |
| Lead       | 207-1 | 0.07    | 0.13    | 0.11    | 0.10       | 27.86   | ppb   |
| Lead       | 208-1 | 0.10    | 0.12    | 0.12    | 0.11       | 7.47    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1002.83 | 1012.71 | 1092.09 | 1035.88    | 4.72    | ppb   |
| Manganese  | 55-2  | 13.50   | 13.38   | 14.39   | 13.76      | 4.00    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-04 Instrumnet Name : P8  
 Client Sample ID : DC1296-04-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:17:40 DataFile Name : 024SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.04    | 0.02    | 0.03       | 50.75   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | 0.01    | 0.00       | 290.33  | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.01    | 0.01       | 43.46   | ppb   |
| Molybdenum | 97-1  | 0.02    | -0.02   | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.01    | 0.00    | 0.01       | 85.20   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.11    | 0.01    | 0.16    | 0.09       | 78.22   | ppb   |
| Phosphorus | 31-2  | 551.13  | 689.06  | 645.44  | 628.54     | 11.22   | ppb   |
| Potassium  | 39-2  | 421.06  | 453.76  | 515.92  | 463.58     | 10.39   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.72    | -0.96   | -0.96   | -0.06      |         | ppb   |
| Selenium   | 78-2  | -1.11   | -0.26   | -0.19   | -0.52      |         | ppb   |
| Selenium   | 82-1  | 0.18    | -0.53   | -0.47   | -0.28      |         | ppb   |
| Silicon    | 28-1  | 958.22  | 964.92  | 948.60  | 957.25     | 0.86    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.01    | 0.01       | 39.74   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01    | 0.02       | 22.21   | ppb   |
| Sodium     | 23-2  | 9051.69 | 9062.32 | 9752.30 | 9288.77    | 4.32    | ppb   |
| Strontium  | 86-1  | 19.08   | 19.53   | 18.90   | 19.17      | 1.68    | ppb   |
| Strontium  | 88-1  | 19.32   | 19.30   | 19.18   | 19.27      | 0.39    | ppb   |
| Sulfur     | 34-1  | -534.83 | -630.00 | -671.55 | -612.13    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.08   | -0.05   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.36    | 0.42    | 0.44    | 0.41       | 10.92   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.04    | 0.06    | 0.05       | 19.14   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 7.93    | 7.56    | 8.42    | 7.97       | 5.43    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.05    | 0.03    | 0.04       | 25.08   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-04             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-04-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:17:40  | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.05    | 0.02    | 0.03       | 34.62   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-05 Instrumnet Name : P8  
 Client Sample ID : DC1296-05-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:20:48 DataFile Name : 025SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.63    | 9.72    | 7.58    | 8.98       | 13.45   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.05    | 0.06       | 14.96   | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.15    | 0.28    | 0.20       | 34.73   | ppb   |
| Barium     | 135-1 | 18.76   | 19.92   | 18.76   | 19.15      | 3.48    | ppb   |
| Barium     | 137-1 | 19.15   | 19.30   | 19.30   | 19.25      | 0.46    | ppb   |
| Beryllium  | 9-1   | -0.04   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.42    | 4.72    | 5.86    | 5.33       | 10.84   | ppb   |
| Boron      | 11-1  | 5.75    | 5.26    | 6.30    | 5.77       | 8.99    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.10   | -0.17   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -0.31   | -1.25   | -2.12   | -1.23      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.00    | -0.11   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4583.66 | 4586.05 | 4519.45 | 4563.05    | 0.83    | ppb   |
| Calcium    | 44-1  | 4636.02 | 4663.70 | 4636.94 | 4645.55    | 0.34    | ppb   |
| Chromium   | 52-2  | 0.02    | 0.00    | 0.02    | 0.01       | 107.79  | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Copper     | 63-2  | 108.79  | 109.81  | 112.99  | 110.53     | 1.98    | 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  | 14.16   | 14.51   | 15.23   | 14.63      | 3.73    | ppb   |
| Iron       | 57-2  | 17.13   | 15.57   | 15.04   | 15.91      | 6.83    | ppb   |
| Lead       | 206-1 | 1.78    | 1.88    | 1.70    | 1.79       | 5.19    | ppb   |
| Lead       | 207-1 | 1.66    | 1.60    | 1.70    | 1.65       | 2.95    | ppb   |
| Lead       | 208-1 | 1.71    | 1.73    | 1.69    | 1.71       | 1.30    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1030.26 | 1056.93 | 1067.14 | 1051.44    | 1.81    | ppb   |
| Manganese  | 55-2  | 11.68   | 11.76   | 11.63   | 11.69      | 0.58    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-05 Instrumnet Name : P8  
 Client Sample ID : DC1296-05-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:20:48 DataFile Name : 025SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.02    | 0.03    | 0.03       | 35.80   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | 0.01    | 0.00       | 63.71   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.02    | 0.04    | 0.03       | 37.05   | ppb   |
| Molybdenum | 97-1  | -0.03   | 0.02    | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.02    | 0.01       | 93.95   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.67    | 2.79    | 2.60    | 2.69       | 3.68    | ppb   |
| Phosphorus | 31-2  | 672.58  | 782.48  | 629.19  | 694.75     | 11.37   | ppb   |
| Potassium  | 39-2  | 457.09  | 466.34  | 470.85  | 464.76     | 1.51    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 0.19    | 0.60    | -0.20   | 0.20       | 204.98  | ppb   |
| Selenium   | 82-1  | 0.57    | -0.09   | -0.16   | 0.11       | 376.81  | ppb   |
| Silicon    | 28-1  | 941.98  | 957.96  | 969.92  | 956.62     | 1.47    | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.02    | 0.02       | 30.82   | ppb   |
| Silver     | 107-1 | 0.04    | 0.02    | 0.03    | 0.03       | 26.07   | ppb   |
| Sodium     | 23-2  | 9181.45 | 9295.96 | 9561.14 | 9346.18    | 2.08    | ppb   |
| Strontium  | 86-1  | 19.71   | 19.83   | 19.94   | 19.83      | 0.57    | ppb   |
| Strontium  | 88-1  | 19.72   | 20.03   | 19.74   | 19.83      | 0.86    | ppb   |
| Sulfur     | 34-1  | -618.74 | -517.03 | -514.00 | -549.92    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.33    | 0.25    | 0.19    | 0.26       | 26.86   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.08    | 0.05    | 0.04    | 0.06       | 38.17   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 169.75  | 173.34  | 177.10  | 173.40     | 2.12    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.04    | 0.06    | 0.04       | 22.85   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-05-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:20:48  | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.08    | 0.02    | 0.05       | 54.78   | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-06 Instrumnet Name : P8  
 Client Sample ID : DC1296-06-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:23:58 DataFile Name : 026SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.66   | 15.69   | 8.01    | 12.12      | 31.93   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.05    | 0.05       | 8.43    | ppb   |
| Arsenic    | 75-2  | 0.20    | 0.25    | 0.32    | 0.25       | 25.06   | ppb   |
| Barium     | 135-1 | 18.25   | 19.07   | 18.32   | 18.55      | 2.45    | ppb   |
| Barium     | 137-1 | 18.21   | 18.55   | 18.08   | 18.28      | 1.30    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.93    | 5.62    | 5.60    | 5.38       | 7.36    | ppb   |
| Boron      | 11-1  | 5.04    | 5.53    | 5.51    | 5.36       | 5.16    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.09   | -0.10   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.76   | -0.91   | -1.11   | -1.26      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | -0.14   | -0.08   | -0.10      |         | ppb   |
| Calcium    | 43-1  | 4360.97 | 4470.94 | 4396.94 | 4409.62    | 1.27    | ppb   |
| Calcium    | 44-1  | 4413.43 | 4601.09 | 4479.62 | 4498.05    | 2.12    | ppb   |
| Chromium   | 52-2  | 0.08    | 0.01    | -0.11   | 0.00       |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 65.70   | 71.01   | 65.27   | 67.33      | 4.75    | 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  | 17.60   | 19.90   | 17.29   | 18.26      | 7.80    | ppb   |
| Iron       | 57-2  | 17.40   | 22.82   | 17.44   | 19.22      | 16.22   | ppb   |
| Lead       | 206-1 | 0.17    | 0.20    | 0.15    | 0.17       | 15.33   | ppb   |
| Lead       | 207-1 | 0.15    | 0.16    | 0.17    | 0.16       | 6.60    | ppb   |
| Lead       | 208-1 | 0.17    | 0.17    | 0.17    | 0.17       | 0.68    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 996.87  | 1125.11 | 1011.18 | 1044.39    | 6.73    | ppb   |
| Manganese  | 55-2  | 11.85   | 13.36   | 11.95   | 12.39      | 6.81    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-06             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-06-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:23:58  | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 18.53   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.02    | -0.01   | 0.00       | 408.86  | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.05    | 0.02    | 0.03       | 93.01   | ppb   |
| Phosphorus | 31-2  | 486.36  | 1008.98 | 543.94  | 679.76     | 42.16   | ppb   |
| Potassium  | 39-2  | 433.31  | 518.23  | 446.56  | 466.03     | 9.80    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.25   | 0.26    | 1.44    | 0.48       | 180.54  | ppb   |
| Selenium   | 82-1  | -0.16   | 0.02    | -0.24   | -0.13      |         | ppb   |
| Silicon    | 28-1  | 943.82  | 948.97  | 960.67  | 951.16     | 0.91    | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.00    | 0.01       | 55.59   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.28   | ppb   |
| Sodium     | 23-2  | 9058.98 | 9949.53 | 8938.03 | 9315.51    | 5.93    | ppb   |
| Strontium  | 86-1  | 19.13   | 18.56   | 19.01   | 18.90      | 1.60    | ppb   |
| Strontium  | 88-1  | 19.19   | 18.83   | 19.04   | 19.02      | 0.93    | ppb   |
| Sulfur     | 34-1  | -806.01 | -479.67 | -462.26 | -582.65    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.05   | -0.08   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.34    | 0.32    | 0.34    | 0.34       | 3.38    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.02    | 0.04    | 0.03       | 47.46   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 9.98    | 10.26   | 10.59   | 10.28      | 2.97    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.03    | 0.03    | 0.03       | 20.16   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-06             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-06-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:23:58  | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.05    | 0.03    | 0.04       | 35.52   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-07 Instrumnet Name : P8  
 Client Sample ID : DC1296-07-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:27:06 DataFile Name : 027SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.10   | 12.75   | 11.01   | 13.95      | 26.45   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.07    | 0.07       | 0.50    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.31    | 0.20    | 0.25       | 22.12   | ppb   |
| Barium     | 135-1 | 19.75   | 19.65   | 19.77   | 19.72      | 0.33    | ppb   |
| Barium     | 137-1 | 19.67   | 20.39   | 19.60   | 19.89      | 2.19    | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.05   | -0.07   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.50    | 5.73    | 3.73    | 4.99       | 21.97   | ppb   |
| Boron      | 11-1  | 5.29    | 4.82    | 5.58    | 5.23       | 7.37    | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.11   | -0.06   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.15   | -1.59   | -1.09   | -1.28      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | 0.05    | -0.09   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 4537.11 | 4633.92 | 4541.71 | 4570.91    | 1.19    | ppb   |
| Calcium    | 44-1  | 4671.91 | 4653.52 | 4598.68 | 4641.37    | 0.82    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 140.99  | 140.48  | 138.58  | 140.02     | 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  | 25.76   | 25.92   | 24.85   | 25.51      | 2.28    | ppb   |
| Iron       | 57-2  | 28.33   | 25.12   | 23.41   | 25.62      | 9.75    | ppb   |
| Lead       | 206-1 | 1.38    | 1.23    | 1.25    | 1.29       | 6.40    | ppb   |
| Lead       | 207-1 | 1.15    | 1.08    | 1.08    | 1.11       | 3.72    | ppb   |
| Lead       | 208-1 | 1.26    | 1.22    | 1.20    | 1.23       | 2.60    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1036.03 | 1022.58 | 1033.48 | 1030.70    | 0.69    | ppb   |
| Manganese  | 55-2  | 22.38   | 22.71   | 21.89   | 22.33      | 1.84    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-07 Instrumnet Name : P8  
 Client Sample ID : DC1296-07-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:27:06 DataFile Name : 027SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.02    | 0.02       | 36.68   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.01    | 0.01       | 64.45   | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.02   | -0.05   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.86    | 1.89    | 1.80    | 1.85       | 2.38    | ppb   |
| Phosphorus | 31-2  | 734.17  | 626.36  | 493.39  | 617.97     | 19.52   | ppb   |
| Potassium  | 39-2  | 439.14  | 470.46  | 457.51  | 455.70     | 3.45    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 4.41    | 0.83       | 372.82  | ppb   |
| Selenium   | 78-2  | -0.26   | -0.27   | -1.11   | -0.55      |         | ppb   |
| Selenium   | 82-1  | 0.05    | -0.39   | -0.17   | -0.17      |         | ppb   |
| Silicon    | 28-1  | 970.68  | 971.08  | 975.07  | 972.28     | 0.25    | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.03    | 0.03       | 5.88    | ppb   |
| Silver     | 107-1 | 0.03    | 0.03    | 0.03    | 0.03       | 2.42    | ppb   |
| Sodium     | 23-2  | 9318.21 | 9267.59 | 9169.88 | 9251.89    | 0.82    | ppb   |
| Strontium  | 86-1  | 19.17   | 19.26   | 19.25   | 19.23      | 0.24    | ppb   |
| Strontium  | 88-1  | 19.65   | 19.53   | 19.71   | 19.63      | 0.45    | ppb   |
| Sulfur     | 34-1  | -789.26 | -586.58 | -748.56 | -708.13    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.46    | 0.37    | 0.37    | 0.40       | 12.42   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.04    | 0.06    | 0.05       | 29.26   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 68.13   | 66.48   | 67.46   | 67.36      | 1.23    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.05    | 0.03    | 0.04       | 25.24   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-07             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-07-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:27:06  | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.05    | 0.04    | 0.05       | 26.25   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 13:30:15 | DataFile Name :   | 028CCV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.94    | -0.58   | 1.08    | 0.81       | 157.42  | ppb   |
| Antimony   | 121-1 | 0.01    | 0.00    | 0.00    | 0.00       | 9.98    | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.02   | 0.01    | -0.01      |         | ppb   |
| Barium     | 135-1 | -0.08   | -0.05   | -0.08   | -0.07      |         | ppb   |
| Barium     | 137-1 | -0.06   | -0.08   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.05   | -0.05   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.12    | 2.09    | 3.45    | 2.89       | 24.45   | ppb   |
| Boron      | 11-1  | 2.09    | 2.09    | 2.05    | 2.08       | 1.01    | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.14   | -0.10   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.74   | -1.52   | -0.87   | -1.38      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | 0.01    | -0.03      |         | ppb   |
| Calcium    | 43-1  | 20.17   | 3.13    | 23.45   | 15.58      | 70.01   | ppb   |
| Calcium    | 44-1  | 7.24    | 8.88    | 22.06   | 12.73      | 63.83   | ppb   |
| Chromium   | 52-2  | -0.14   | -0.07   | -0.04   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.02   | -0.03   | -0.05   | -0.03      |         | 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  | 0.33    | 0.38    | 0.06    | 0.26       | 67.44   | ppb   |
| Iron       | 57-2  | 0.75    | 1.23    | -1.38   | 0.20       | 696.07  | ppb   |
| Lead       | 206-1 | 491.46  | 485.83  | 495.34  | 490.88     | 0.97    | ppb   |
| Lead       | 207-1 | 497.13  | 476.16  | 499.98  | 491.09     | 2.65    | ppb   |
| Lead       | 208-1 | 498.01  | 483.54  | 505.80  | 495.78     | 2.28    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.28   | 0.42    | 0.03    | -0.28      |         | ppb   |
| Manganese  | 55-2  | -0.08   | 0.00    | -0.02   | -0.03      |         | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 13:30:15 | DataFile Name :   | 028CCV.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  | -0.03    | -0.04    | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.03    | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.05    | -0.04    | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.03    | -0.03    | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | -0.14    | -0.16    | -0.14   | -0.15      |         | ppb   |
| Phosphorus | 31-2  | 38.59    | -22.44   | -10.42  | 1.91       | 1695.31 | ppb   |
| Potassium  | 39-2  | -4.66    | -5.96    | -4.64   | -5.09      |         | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | -0.96    | -0.96    | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -1.11    | -0.65    | -1.11   | -0.96      |         | ppb   |
| Selenium   | 82-1  | -0.70    | 1.08     | -0.34   | 0.02       | 5978.85 | ppb   |
| Silicon    | 28-1  | -11.96   | -10.51   | -2.93   | -8.47      |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.01    | 0.00       | 78.32   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.01    | 0.01       | 120.98  | ppb   |
| Sodium     | 23-2  | 20.78    | 17.14    | 12.90   | 16.94      | 23.27   | ppb   |
| Strontium  | 86-1  | 0.02     | 0.02     | 0.01    | 0.01       | 32.59   | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -1154.51 | -1351.92 | -202.06 | -902.83    |         | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | -0.04    | -0.03    | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03    | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.40     | 0.38     | 0.39    | 0.39       | 1.93    | ppb   |
| Titanium   | 47-1  | 0.02     | 0.00     | 0.05    | 0.02       | 127.96  | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06    | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.03    | -0.03    | -0.02   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | -0.16    | -0.19    | -0.12   | -0.16      |         | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.01     | 0.05    | 0.02       | 157.89  | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 13:30:15 | DataFile Name :   | 028CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.03    | 0.01       | 112.47  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:33:24 | DataFile Name :   | 029CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.92    | 0.24    | 0.24    | 2.14       | 153.56  | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.00    | 0.00       | 47.40   | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Barium     | 135-1 | -0.09   | -0.10   | -0.09   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.07   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.07   | -0.05   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.72    | 1.39    | 1.56    | 1.56       | 10.76   | ppb   |
| Boron      | 11-1  | 1.48    | 1.61    | 1.36    | 1.48       | 8.25    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.11   | -0.13   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -0.40   | -1.10   | -1.37   | -0.96      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | 0.01    | -0.08   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 7.35    | -1.43   | 21.33   | 9.08       | 126.39  | ppb   |
| Calcium    | 44-1  | 6.95    | 5.13    | 3.83    | 5.30       | 29.56   | ppb   |
| Chromium   | 52-2  | -0.12   | -0.13   | -0.05   | -0.10      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.11   | -0.05   | -0.08   | -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  | 0.19    | -0.06   | -0.20   | -0.02      |         | ppb   |
| Iron       | 57-2  | -0.08   | -2.31   | -0.03   | -0.81      |         | ppb   |
| Lead       | 206-1 | -0.02   | 0.01    | -0.03   | -0.01      |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.04   | -0.01   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.02   | -0.32   | 0.84    | 0.17       | 361.89  | ppb   |
| Manganese  | 55-2  | -0.15   | -0.06   | -0.06   | -0.09      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:33:24 | DataFile Name :   | 029CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.03    | -0.03   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03    | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.06    | -0.06   | -0.05   | -0.06      |         | ppb   |
| Molybdenum | 98-1  | -0.03    | -0.03   | -0.04   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.10    | -0.17   | -0.14   | -0.14      |         | ppb   |
| Phosphorus | 31-2  | 24.74    | -22.44  | 25.32   | 9.21       | 297.75  | ppb   |
| Potassium  | 39-2  | -2.97    | -2.69   | -5.59   | -3.75      |         | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | 1.87     | -0.96   | -0.96   | -0.02      |         | ppb   |
| Selenium   | 78-2  | 0.25     | -0.66   | 0.22    | -0.06      |         | ppb   |
| Selenium   | 82-1  | 0.67     | -0.23   | -0.33   | 0.04       | 1580.40 | ppb   |
| Silicon    | 28-1  | -14.98   | -15.12  | -16.95  | -15.68     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00    | 0.00    | 0.00       | 295.32  | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.00    | 0.01       | 81.68   | ppb   |
| Sodium     | 23-2  | 12.98    | 15.02   | 11.60   | 13.20      | 13.03   | ppb   |
| Strontium  | 86-1  | 0.01     | -0.06   | 0.00    | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -1054.87 | -985.57 | -978.24 | -1006.22   |         | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05    | -0.03   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04    | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.02    | -0.03   | -0.02   | -0.02      |         | ppb   |
| Titanium   | 47-1  | -0.02    | 0.03    | -0.01   | 0.00       |         | ppb   |
| Uranium    | 238-1 | -0.06    | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.03    | 0.00    | -0.03   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | -0.33    | -0.30   | -0.35   | -0.33      |         | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01   | 0.00    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:33:24 | DataFile Name :   | 029CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.02    | -0.01   | 0.01       | 243.23  | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-08 Instrumnet Name : P8  
 Client Sample ID : DC1296-08-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:36:34 DataFile Name : 030SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.54   | 13.53   | 21.43   | 16.83      | 24.38   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.07    | 0.05    | 0.06       | 19.48   | ppb   |
| Arsenic    | 75-2  | 0.34    | 0.21    | 0.15    | 0.23       | 41.79   | ppb   |
| Barium     | 135-1 | 18.21   | 18.51   | 18.58   | 18.44      | 1.07    | ppb   |
| Barium     | 137-1 | 18.09   | 18.07   | 18.38   | 18.18      | 0.96    | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.47    | 5.13    | 5.05    | 4.88       | 7.31    | ppb   |
| Boron      | 11-1  | 4.80    | 4.65    | 4.74    | 4.73       | 1.63    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.06   | -0.16   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.48   | -0.46   | -1.97   | -1.31      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.08   | 0.00    | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4465.70 | 4564.56 | 4488.68 | 4506.31    | 1.15    | ppb   |
| Calcium    | 44-1  | 4597.84 | 4599.31 | 4584.27 | 4593.81    | 0.18    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.04   | -0.07   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | 70.61   | 71.94   | 69.06   | 70.53      | 2.04    | 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  | 18.47   | 19.36   | 17.29   | 18.38      | 5.65    | ppb   |
| Iron       | 57-2  | 20.47   | 20.78   | 16.85   | 19.36      | 11.29   | ppb   |
| Lead       | 206-1 | 0.14    | 0.10    | 0.14    | 0.13       | 19.24   | ppb   |
| Lead       | 207-1 | 0.07    | 0.10    | 0.08    | 0.08       | 14.37   | ppb   |
| Lead       | 208-1 | 0.10    | 0.11    | 0.12    | 0.11       | 10.92   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1021.59 | 1039.62 | 1013.52 | 1024.91    | 1.30    | ppb   |
| Manganese  | 55-2  | 11.33   | 12.25   | 11.17   | 11.59      | 5.03    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-08 Instrumnet Name : P8  
 Client Sample ID : DC1296-08-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:36:34 DataFile Name : 030SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.03    | 0.00    | 0.01       | 139.58  | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.01    | 0.01       | 37.02   | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | 219.48  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.13    | 0.10    | 0.13    | 0.12       | 14.34   | ppb   |
| Phosphorus | 31-2  | 601.26  | 626.02  | 627.33  | 618.20     | 2.38    | ppb   |
| Potassium  | 39-2  | 456.51  | 491.89  | 456.68  | 468.36     | 4.35    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.26   | -0.27   | 0.15    | -0.13      |         | ppb   |
| Selenium   | 82-1  | 0.21    | 0.51    | -0.18   | 0.18       | 196.53  | ppb   |
| Silicon    | 28-1  | 977.41  | 966.08  | 945.42  | 962.97     | 1.68    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 11.45   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.03   | ppb   |
| Sodium     | 23-2  | 9155.20 | 9559.45 | 9083.00 | 9265.88    | 2.77    | ppb   |
| Strontium  | 86-1  | 18.63   | 18.83   | 18.51   | 18.66      | 0.88    | ppb   |
| Strontium  | 88-1  | 19.04   | 19.09   | 19.21   | 19.11      | 0.44    | ppb   |
| Sulfur     | 34-1  | -309.49 | -455.74 | -208.85 | -324.69    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.04   | -0.05   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.34    | 0.36    | 0.28    | 0.33       | 13.17   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.03    | 0.00    | 0.03       | 100.82  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 11.28   | 12.97   | 11.60   | 11.95      | 7.53    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.04    | 0.03    | 0.04       | 21.29   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-08             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-08-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:36:34  | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.12    | 0.03    | 0.07       | 65.30   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-09 Instrumnet Name : P8  
 Client Sample ID : DC1296-11-FL1-BRT-W4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:39:44 DataFile Name : 031SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.76   | 17.95   | 16.63   | 15.45      | 21.10   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 7.10    | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.18    | 0.16    | 0.17       | 6.23    | ppb   |
| Barium     | 135-1 | 16.18   | 17.36   | 16.52   | 16.68      | 3.63    | ppb   |
| Barium     | 137-1 | 16.81   | 17.10   | 16.54   | 16.82      | 1.66    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.25    | 5.17    | 5.95    | 5.12       | 16.63   | ppb   |
| Boron      | 11-1  | 5.02    | 4.94    | 4.62    | 4.86       | 4.32    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.13   | -0.10   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.65   | -1.72   | -1.24   | -1.54      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.08   | -0.11   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 4322.47 | 4295.55 | 4313.56 | 4310.53    | 0.32    | ppb   |
| Calcium    | 44-1  | 4493.38 | 4438.16 | 4415.49 | 4449.01    | 0.90    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.01   | 0.00    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Copper     | 63-2  | 38.23   | 38.37   | 38.72   | 38.44      | 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  | 20.84   | 21.00   | 19.71   | 20.51      | 3.44    | ppb   |
| Iron       | 57-2  | 16.12   | 21.68   | 18.35   | 18.72      | 14.96   | ppb   |
| Lead       | 206-1 | 0.34    | 0.31    | 0.33    | 0.33       | 3.74    | ppb   |
| Lead       | 207-1 | 0.29    | 0.31    | 0.32    | 0.30       | 5.48    | ppb   |
| Lead       | 208-1 | 0.32    | 0.31    | 0.31    | 0.31       | 1.31    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1004.91 | 984.05  | 988.39  | 992.45     | 1.11    | ppb   |
| Manganese  | 55-2  | 14.08   | 14.07   | 13.49   | 13.88      | 2.44    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-09             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-11-FL1-BRT-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:39:44  | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.00    | 0.01       | 67.00   | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.02   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.01    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.03   | 0.00    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.09    | 1.01    | 1.13    | 1.07       | 5.33    | ppb   |
| Phosphorus | 31-2  | 593.18  | 717.02  | 567.87  | 626.02     | 12.75   | ppb   |
| Potassium  | 39-2  | 429.93  | 436.74  | 452.71  | 439.79     | 2.66    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.72    | -0.07      |         | ppb   |
| Selenium   | 78-2  | 1.02    | 0.61    | -1.11   | 0.17       | 658.60  | ppb   |
| Selenium   | 82-1  | 0.72    | -0.10   | 0.58    | 0.40       | 109.89  | ppb   |
| Silicon    | 28-1  | 953.37  | 934.90  | 951.14  | 946.47     | 1.06    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 36.13   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.01       | 34.21   | ppb   |
| Sodium     | 23-2  | 8817.06 | 8805.90 | 8852.79 | 8825.25    | 0.28    | ppb   |
| Strontium  | 86-1  | 18.04   | 18.21   | 18.19   | 18.15      | 0.51    | ppb   |
| Strontium  | 88-1  | 18.55   | 18.43   | 18.47   | 18.48      | 0.31    | ppb   |
| Sulfur     | 34-1  | -487.48 | -453.17 | -425.42 | -455.36    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.34    | 0.32    | 0.40    | 0.35       | 11.91   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.03    | 0.06    | 0.04       | 49.00   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 14.65   | 15.66   | 15.45   | 15.26      | 3.52    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 7.32    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-09             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-11-FL1-BRT-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:39:44  | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.06    | 0.04    | 0.05       | 21.91   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-10 Instrumnet Name : P8  
 Client Sample ID : DC1296-12-FL1-BRT-W4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:42:52 DataFile Name : 032SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.54    | 17.45   | 16.97   | 14.32      | 34.98   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.06    | 0.05    | 0.05       | 17.39   | ppb   |
| Arsenic    | 75-2  | 0.14    | 0.16    | 0.24    | 0.18       | 30.02   | ppb   |
| Barium     | 135-1 | 17.28   | 16.70   | 17.35   | 17.11      | 2.09    | ppb   |
| Barium     | 137-1 | 16.49   | 16.79   | 16.94   | 16.74      | 1.38    | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.04   | -0.04   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.32    | 3.87    | 4.10    | 4.43       | 17.60   | ppb   |
| Boron      | 11-1  | 4.62    | 4.25    | 4.42    | 4.43       | 4.11    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.15   | -0.10   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -0.96   | -1.82   | -1.06   | -1.28      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | 0.00    | -0.03   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 4465.40 | 4355.84 | 4300.41 | 4373.88    | 1.92    | ppb   |
| Calcium    | 44-1  | 4474.67 | 4419.01 | 4349.73 | 4414.47    | 1.42    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.03   | -0.08   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | 34.32   | 34.91   | 34.55   | 34.60      | 0.86    | 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  | 15.37   | 17.24   | 15.91   | 16.18      | 5.95    | ppb   |
| Iron       | 57-2  | 19.82   | 11.47   | 18.64   | 16.64      | 27.17   | ppb   |
| Lead       | 206-1 | 0.06    | 0.06    | 0.06    | 0.06       | 6.91    | ppb   |
| Lead       | 207-1 | 0.06    | 0.01    | 0.06    | 0.04       | 64.39   | ppb   |
| Lead       | 208-1 | 0.05    | 0.03    | 0.05    | 0.04       | 25.09   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1006.68 | 1004.99 | 987.02  | 999.56     | 1.09    | ppb   |
| Manganese  | 55-2  | 12.84   | 12.68   | 12.75   | 12.76      | 0.65    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-10 Instrumnet Name : P8  
 Client Sample ID : DC1296-12-FL1-BRT-W4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:42:52 DataFile Name : 032SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.01    | 0.01       | 20.43   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.02    | 0.01    | 0.01       | 70.80   | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.18    | 0.25    | 0.22    | 0.22       | 16.21   | ppb   |
| Phosphorus | 31-2  | 573.29  | 523.47  | 619.71  | 572.16     | 8.41    | ppb   |
| Potassium  | 39-2  | 422.85  | 446.25  | 438.20  | 435.77     | 2.73    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 7.02    | -0.96   | 1.68    | 2.58       | 157.47  | ppb   |
| Selenium   | 78-2  | -0.68   | -0.26   | 0.16    | -0.26      |         | ppb   |
| Selenium   | 82-1  | -0.64   | 0.22    | 0.13    | -0.09      |         | ppb   |
| Silicon    | 28-1  | 1086.14 | 941.07  | 935.10  | 987.44     | 8.66    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.01       | 113.69  | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.01       | 49.53   | ppb   |
| Sodium     | 23-2  | 8790.65 | 8849.56 | 8785.70 | 8808.64    | 0.40    | ppb   |
| Strontium  | 86-1  | 18.34   | 18.10   | 17.79   | 18.08      | 1.52    | ppb   |
| Strontium  | 88-1  | 18.40   | 18.49   | 18.41   | 18.43      | 0.27    | ppb   |
| Sulfur     | 34-1  | -376.88 | -260.85 | -592.11 | -409.95    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.35    | 0.31    | 0.27    | 0.31       | 12.65   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.03    | 0.06    | 0.04       | 35.88   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 5.22    | 4.66    | 5.01    | 4.96       | 5.67    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.02    | 0.03       | 23.08   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-10             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-12-FL1-BRT-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:42:52  | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.04    | 0.04       | 7.64    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-11 Instrumnet Name : P8  
 Client Sample ID : DC1296-13-FL1-KI-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:46:00 DataFile Name : 033SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.98    | 7.86    | 16.33   | 11.39      | 38.72   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.04    | 0.05       | 9.73    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.25    | 0.14    | 0.23       | 34.78   | ppb   |
| Barium     | 135-1 | 16.55   | 16.66   | 17.35   | 16.85      | 2.57    | ppb   |
| Barium     | 137-1 | 16.96   | 16.71   | 17.25   | 16.98      | 1.58    | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.65    | 3.77    | 4.47    | 4.30       | 10.88   | ppb   |
| Boron      | 11-1  | 4.87    | 4.55    | 4.89    | 4.77       | 3.96    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.14   | -0.04   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -1.22   | -1.63   | -0.46   | -1.11      |         | ppb   |
| Cadmium    | 108-1 | 0.11    | 0.14    | -0.03   | 0.07       | 120.10  | ppb   |
| Calcium    | 43-1  | 4541.92 | 4499.08 | 4505.67 | 4515.55    | 0.51    | ppb   |
| Calcium    | 44-1  | 4657.83 | 4605.16 | 4581.87 | 4614.95    | 0.84    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.02   | -0.09   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 110.37  | 112.14  | 111.29  | 111.27     | 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  | 17.04   | 16.53   | 16.81   | 16.79      | 1.50    | ppb   |
| Iron       | 57-2  | 14.64   | 23.21   | 21.79   | 19.88      | 23.10   | ppb   |
| Lead       | 206-1 | 1.39    | 1.46    | 1.37    | 1.41       | 3.38    | ppb   |
| Lead       | 207-1 | 1.22    | 1.24    | 1.21    | 1.22       | 1.53    | ppb   |
| Lead       | 208-1 | 1.34    | 1.33    | 1.30    | 1.32       | 1.69    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1004.99 | 1020.82 | 1024.87 | 1016.89    | 1.03    | ppb   |
| Manganese  | 55-2  | 12.65   | 13.12   | 13.09   | 12.95      | 2.02    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-11              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-13-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:46:00   | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.01    | 0.01       | 38.25   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.00    | 0.00    | 0.01       | 135.15  | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.01    | 0.00       | 185.91  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 14.04   | 13.97   | 13.76   | 13.92      | 1.06    | ppb   |
| Phosphorus | 31-2  | 514.04  | 634.26  | 702.82  | 617.04     | 15.49   | ppb   |
| Potassium  | 39-2  | 462.81  | 435.32  | 447.78  | 448.64     | 3.07    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.66    | 4.37    | -0.96   | 1.69       | 157.56  | ppb   |
| Selenium   | 78-2  | 0.98    | -0.26   | -1.11   | -0.13      |         | ppb   |
| Selenium   | 82-1  | 0.58    | 0.25    | 0.62    | 0.48       | 42.32   | ppb   |
| Silicon    | 28-1  | 954.97  | 965.61  | 968.21  | 962.93     | 0.73    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 116.17  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 33.91   | ppb   |
| Sodium     | 23-2  | 9095.88 | 9054.38 | 9191.71 | 9113.99    | 0.77    | ppb   |
| Strontium  | 86-1  | 18.79   | 18.93   | 18.59   | 18.77      | 0.90    | ppb   |
| Strontium  | 88-1  | 18.78   | 19.07   | 19.04   | 18.96      | 0.83    | ppb   |
| Sulfur     | 34-1  | -583.78 | -398.70 | -276.94 | -419.81    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.04   | -0.06   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.30    | 0.25    | 0.28    | 0.28       | 9.97    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.12    | 0.03    | 0.07       | 66.06   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 421.63  | 424.72  | 424.86  | 423.73     | 0.43    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.04    | 0.03    | 0.03       | 15.55   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-11              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-13-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:46:00   | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.03    | 0.03       | 19.17   | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-12 Instrumnet Name : P8  
 Client Sample ID : DC1296-14-FL1-KI-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:49:09 DataFile Name : 034SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.26   | 13.21   | 21.96   | 15.14      | 40.19   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.07    | 0.05       | 21.10   | ppb   |
| Arsenic    | 75-2  | 0.18    | 0.20    | 0.25    | 0.21       | 15.48   | ppb   |
| Barium     | 135-1 | 20.47   | 20.96   | 21.40   | 20.94      | 2.23    | ppb   |
| Barium     | 137-1 | 20.41   | 20.27   | 21.53   | 20.73      | 3.33    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.28    | 4.93    | 5.18    | 4.47       | 23.19   | ppb   |
| Boron      | 11-1  | 4.09    | 4.45    | 4.80    | 4.44       | 8.01    | ppb   |
| Cadmium    | 111-1 | -0.18   | -0.13   | -0.12   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -2.16   | -1.52   | -1.38   | -1.69      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.00    | -0.11   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4540.13 | 4523.46 | 4909.78 | 4657.79    | 4.69    | ppb   |
| Calcium    | 44-1  | 4708.20 | 4635.06 | 5042.26 | 4795.17    | 4.53    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.02   | 0.06    | 0.00       | 1725.34 | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.07   | -0.06      |         | ppb   |
| Copper     | 63-2  | 106.14  | 105.93  | 105.98  | 106.02     | 0.10    | 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  | 15.37   | 15.82   | 16.18   | 15.79      | 2.59    | ppb   |
| Iron       | 57-2  | 18.97   | 17.25   | 17.35   | 17.86      | 5.40    | ppb   |
| Lead       | 206-1 | 0.19    | 0.16    | 0.20    | 0.18       | 13.15   | ppb   |
| Lead       | 207-1 | 0.15    | 0.13    | 0.14    | 0.14       | 6.99    | ppb   |
| Lead       | 208-1 | 0.17    | 0.15    | 0.19    | 0.17       | 9.65    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1032.63 | 1010.88 | 1025.95 | 1023.15    | 1.09    | ppb   |
| Manganese  | 55-2  | 11.95   | 12.07   | 11.58   | 11.87      | 2.17    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-12              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-14-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:49:09   | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.02    | 0.01       | 96.97   | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.02   | 0.01    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.01    | 0.00       | 127.85  | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.01    | 0.00       | 2231.12 | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.39    | 0.37    | 0.26    | 0.34       | 20.89   | ppb   |
| Phosphorus | 31-2  | 572.84  | 711.27  | 676.83  | 653.65     | 11.03   | ppb   |
| Potassium  | 39-2  | 451.46  | 462.58  | 453.70  | 455.91     | 1.29    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 0.58    | 0.16    | -0.26   | 0.16       | 265.98  | ppb   |
| Selenium   | 82-1  | -0.05   | 0.11    | 0.00    | 0.02       | 500.90  | ppb   |
| Silicon    | 28-1  | 952.56  | 964.39  | 1035.69 | 984.22     | 4.57    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 76.01   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 51.74   | ppb   |
| Sodium     | 23-2  | 9258.23 | 9020.53 | 9123.88 | 9134.22    | 1.30    | ppb   |
| Strontium  | 86-1  | 20.42   | 19.91   | 21.35   | 20.56      | 3.57    | ppb   |
| Strontium  | 88-1  | 20.21   | 20.27   | 21.87   | 20.78      | 4.53    | ppb   |
| Sulfur     | 34-1  | -622.81 | -493.36 | 638.58  | -159.20    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.27    | 0.22    | 0.38    | 0.29       | 29.03   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.03    | 0.01    | 0.02       | 50.14   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 20.48   | 20.50   | 19.18   | 20.05      | 3.77    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.04    | 0.03       | 35.04   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-12              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-14-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:49:09   | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 15.24   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-13 Instrumnet Name : P8  
 Client Sample ID : DC1296-15-FL1-KI-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:52:18 DataFile Name : 035SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.59   | 6.41    | 21.64   | 14.55      | 52.71   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.05    | 0.05       | 10.90   | ppb   |
| Arsenic    | 75-2  | 0.12    | 0.16    | 0.19    | 0.16       | 23.37   | ppb   |
| Barium     | 135-1 | 18.96   | 20.39   | 18.36   | 19.24      | 5.43    | ppb   |
| Barium     | 137-1 | 18.64   | 20.71   | 19.48   | 19.61      | 5.31    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.03   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.66    | 5.64    | 4.20    | 4.83       | 15.21   | ppb   |
| Boron      | 11-1  | 4.39    | 5.03    | 4.65    | 4.69       | 6.77    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.11   | -0.17   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.22   | -1.24   | -1.99   | -1.49      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.07    | 0.03    | 0.02       | 229.75  | ppb   |
| Calcium    | 43-1  | 4482.97 | 4895.86 | 4614.78 | 4664.54    | 4.52    | ppb   |
| Calcium    | 44-1  | 4509.10 | 4875.76 | 4744.02 | 4709.63    | 3.94    | ppb   |
| Chromium   | 52-2  | -0.02   | 0.13    | 0.00    | 0.04       | 228.55  | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 112.15  | 112.50  | 111.99  | 112.21     | 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  | 16.65   | 16.33   | 16.91   | 16.63      | 1.77    | ppb   |
| Iron       | 57-2  | 16.52   | 15.40   | 16.41   | 16.11      | 3.82    | ppb   |
| Lead       | 206-1 | 0.84    | 0.95    | 0.88    | 0.89       | 6.13    | ppb   |
| Lead       | 207-1 | 0.76    | 0.79    | 0.73    | 0.76       | 3.47    | ppb   |
| Lead       | 208-1 | 0.80    | 0.88    | 0.79    | 0.82       | 6.57    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1040.86 | 1042.32 | 1024.91 | 1036.03    | 0.93    | ppb   |
| Manganese  | 55-2  | 14.49   | 14.27   | 13.26   | 14.01      | 4.68    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-13              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-15-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:52:18   | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 38.86   | ppb   |
| Molybdenum | 95-1  | 0.01    | -0.01   | 0.00    | 0.00       | 728.10  | ppb   |
| Molybdenum | 96-1  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | -0.01   | 0.00       | 520.90  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.71    | 0.66    | 0.72    | 0.70       | 4.78    | ppb   |
| Phosphorus | 31-2  | 480.54  | 450.93  | 600.17  | 510.55     | 15.48   | ppb   |
| Potassium  | 39-2  | 457.95  | 445.03  | 477.21  | 460.06     | 3.52    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.66    | -0.09      |         | ppb   |
| Selenium   | 78-2  | -0.69   | 0.58    | 0.56    | 0.15       | 482.13  | ppb   |
| Selenium   | 82-1  | -0.35   | 0.11    | 0.09    | -0.05      |         | ppb   |
| Silicon    | 28-1  | 944.01  | 1060.41 | 961.19  | 988.53     | 6.36    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.00       | 121.56  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 75.56   | ppb   |
| Sodium     | 23-2  | 9194.19 | 9282.96 | 8956.70 | 9144.62    | 1.84    | ppb   |
| Strontium  | 86-1  | 18.95   | 20.60   | 20.04   | 19.86      | 4.22    | ppb   |
| Strontium  | 88-1  | 19.49   | 21.01   | 19.66   | 20.05      | 4.15    | ppb   |
| Sulfur     | 34-1  | -704.11 | 562.98  | 17.10   | -41.34     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | 0.00    | 0.02    | 0.02    | 0.01       | 98.50   | ppb   |
| Titanium   | 47-1  | 0.18    | 0.35    | 0.72    | 0.42       | 65.95   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.02    | 0.06    | 0.04       | 52.00   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 379.87  | 378.61  | 374.68  | 377.72     | 0.72    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.04    | 0.04    | 0.03       | 24.07   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-13              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-15-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:52:18   | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.06    | 0.03       | 74.26   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-14 Instrumnet Name : P8  
 Client Sample ID : DC1296-16-FL1-KI-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:55:27 DataFile Name : 036SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.17   | 12.42   | 18.56   | 14.72      | 22.75   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.03    | 0.04    | 0.04       | 12.10   | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.35    | 0.19    | 0.28       | 29.73   | ppb   |
| Barium     | 135-1 | 18.00   | 19.23   | 18.66   | 18.63      | 3.30    | ppb   |
| Barium     | 137-1 | 17.47   | 18.55   | 18.05   | 18.03      | 2.98    | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.07   | -0.04   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.87    | 3.99    | 5.27    | 4.38       | 17.78   | ppb   |
| Boron      | 11-1  | 4.20    | 4.21    | 4.25    | 4.22       | 0.59    | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.12   | -0.07   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.75   | -1.38   | -0.59   | -1.24      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | -0.11   | -0.08   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4456.76 | 4625.89 | 4489.23 | 4523.96    | 1.98    | ppb   |
| Calcium    | 44-1  | 4505.95 | 4748.34 | 4616.55 | 4623.61    | 2.62    | ppb   |
| Chromium   | 52-2  | -0.11   | -0.17   | -0.11   | -0.13      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 34.76   | 34.46   | 34.18   | 34.47      | 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  | 19.34   | 17.95   | 16.78   | 18.03      | 7.10    | ppb   |
| Iron       | 57-2  | 13.19   | 15.32   | 17.87   | 15.46      | 15.18   | ppb   |
| Lead       | 206-1 | 0.05    | 0.02    | 0.02    | 0.03       | 57.18   | ppb   |
| Lead       | 207-1 | 0.00    | 0.01    | 0.00    | 0.00       | 903.62  | ppb   |
| Lead       | 208-1 | 0.01    | 0.01    | 0.01    | 0.01       | 43.98   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1008.32 | 1005.88 | 990.93  | 1001.71    | 0.94    | ppb   |
| Manganese  | 55-2  | 10.67   | 10.87   | 11.23   | 10.92      | 2.62    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-14              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-16-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:55:27   | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.02    | 0.02       | 16.56   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.01    | 0.01       | 15.15   | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.05   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.07    | 0.04    | 0.05    | 0.05       | 26.41   | ppb   |
| Phosphorus | 31-2  | 520.82  | 765.49  | 644.16  | 643.49     | 19.01   | ppb   |
| Potassium  | 39-2  | 440.91  | 461.04  | 442.63  | 448.19     | 2.49    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 0.14    | 0.14    | -0.27   | 0.00       | 6386.53 | ppb   |
| Selenium   | 82-1  | 0.41    | 0.21    | -0.36   | 0.08       | 469.56  | ppb   |
| Silicon    | 28-1  | 940.36  | 1055.44 | 992.93  | 996.24     | 5.78    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 57.80   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 59.77   | ppb   |
| Sodium     | 23-2  | 9191.70 | 9022.99 | 8813.23 | 9009.31    | 2.10    | ppb   |
| Strontium  | 86-1  | 18.13   | 19.47   | 18.75   | 18.78      | 3.55    | ppb   |
| Strontium  | 88-1  | 18.81   | 19.49   | 19.34   | 19.22      | 1.86    | ppb   |
| Sulfur     | 34-1  | -840.63 | -180.91 | -457.79 | -493.11    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.39    | 0.36    | 0.36    | 0.37       | 5.14    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.07    | 0.02    | 0.04       | 63.65   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 10.36   | 9.90    | 9.94    | 10.07      | 2.52    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.03    | 0.03       | 25.50   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-14              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-16-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:55:27   | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.06    | 0.03       | 74.48   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-15 Instrumnet Name : P8  
 Client Sample ID : DC1296-17-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:58:34 DataFile Name : 037SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.20   | 11.87   | 5.74    | 11.94      | 52.17   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.06    | 0.06       | 7.45    | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.27    | 0.23    | 0.24       | 14.23   | ppb   |
| Barium     | 135-1 | 17.71   | 19.20   | 18.34   | 18.42      | 4.07    | ppb   |
| Barium     | 137-1 | 18.04   | 17.99   | 18.03   | 18.02      | 0.14    | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.75    | 3.77    | 3.85    | 3.79       | 1.37    | ppb   |
| Boron      | 11-1  | 3.99    | 4.63    | 4.60    | 4.41       | 8.22    | ppb   |
| Cadmium    | 111-1 | -0.18   | -0.15   | -0.13   | -0.15      |         | ppb   |
| Cadmium    | 106-1 | -2.28   | -1.92   | -1.47   | -1.89      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.09   | -0.11   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4526.20 | 4465.04 | 4501.70 | 4497.64    | 0.68    | ppb   |
| Calcium    | 44-1  | 4526.44 | 4557.55 | 4611.32 | 4565.10    | 0.94    | ppb   |
| Chromium   | 52-2  | -0.03   | 0.05    | 0.07    | 0.03       | 163.39  | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.07   | -0.06      |         | ppb   |
| Copper     | 63-2  | 127.13  | 125.37  | 127.86  | 126.78     | 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  | 15.54   | 15.38   | 14.20   | 15.04      | 4.89    | ppb   |
| Iron       | 57-2  | 18.35   | 15.23   | 16.83   | 16.80      | 9.30    | ppb   |
| Lead       | 206-1 | 0.31    | 0.31    | 0.31    | 0.31       | 1.35    | ppb   |
| Lead       | 207-1 | 0.25    | 0.24    | 0.21    | 0.23       | 7.13    | ppb   |
| Lead       | 208-1 | 0.27    | 0.26    | 0.26    | 0.26       | 2.16    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1018.91 | 1010.26 | 1018.99 | 1016.05    | 0.49    | ppb   |
| Manganese  | 55-2  | 10.26   | 9.93    | 10.24   | 10.15      | 1.81    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-15              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-17-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:58:34   | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.01    | 0.01       | 35.88   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.00    | 0.00       | 217.92  | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.20    | 0.12    | 0.19    | 0.17       | 25.44   | ppb   |
| Phosphorus | 31-2  | 602.03  | 802.06  | 619.70  | 674.60     | 16.42   | ppb   |
| Potassium  | 39-2  | 439.87  | 455.75  | 462.43  | 452.68     | 2.56    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.75    | -0.96   | -0.06      |         | ppb   |
| Selenium   | 78-2  | 1.48    | 0.19    | -0.68   | 0.33       | 330.69  | ppb   |
| Selenium   | 82-1  | 0.68    | 0.27    | -0.36   | 0.20       | 264.23  | ppb   |
| Silicon    | 28-1  | 968.27  | 973.93  | 986.76  | 976.32     | 0.97    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.01       | 46.69   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 45.73   | ppb   |
| Sodium     | 23-2  | 9094.10 | 8923.53 | 9132.05 | 9049.89    | 1.23    | ppb   |
| Strontium  | 86-1  | 19.47   | 18.89   | 19.21   | 19.19      | 1.52    | ppb   |
| Strontium  | 88-1  | 19.61   | 19.34   | 19.62   | 19.52      | 0.79    | ppb   |
| Sulfur     | 34-1  | -340.05 | -451.76 | -157.62 | -316.48    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.26    | 0.28    | 0.29    | 0.28       | 4.93    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.03    | 0.04    | 0.03       | 53.88   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 20.90   | 22.19   | 20.77   | 21.29      | 3.69    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.04    | 0.03       | 22.36   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-15              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-17-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:58:34   | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.01    | 0.03       | 51.71   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-16 Instrumnet Name : P8  
 Client Sample ID : DC1296-18-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:01:43 DataFile Name : 038SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.85   | 15.40   | 14.99   | 14.41      | 9.51    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.03    | 0.04    | 0.04       | 20.03   | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.24    | 0.27    | 0.27       | 9.82    | ppb   |
| Barium     | 135-1 | 17.30   | 17.29   | 18.26   | 17.62      | 3.16    | ppb   |
| Barium     | 137-1 | 17.44   | 18.06   | 17.61   | 17.70      | 1.80    | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.36    | 3.76    | 5.60    | 4.57       | 20.52   | ppb   |
| Boron      | 11-1  | 4.48    | 4.38    | 4.27    | 4.38       | 2.35    | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.18   | -0.10   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -1.80   | -2.17   | -1.08   | -1.68      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.06   | -0.11   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4385.51 | 4250.71 | 4289.46 | 4308.56    | 1.61    | ppb   |
| Calcium    | 44-1  | 4468.25 | 4428.04 | 4493.89 | 4463.39    | 0.74    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.07   | 0.02    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 27.20   | 27.12   | 26.87   | 27.06      | 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  | 22.99   | 22.16   | 23.06   | 22.74      | 2.19    | ppb   |
| Iron       | 57-2  | 25.11   | 25.01   | 19.31   | 23.14      | 14.34   | ppb   |
| Lead       | 206-1 | 0.15    | 0.13    | 0.10    | 0.13       | 18.50   | ppb   |
| Lead       | 207-1 | 0.10    | 0.12    | 0.11    | 0.11       | 7.06    | ppb   |
| Lead       | 208-1 | 0.11    | 0.11    | 0.11    | 0.11       | 2.29    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1009.77 | 1019.33 | 999.10  | 1009.40    | 1.00    | ppb   |
| Manganese  | 55-2  | 16.05   | 17.38   | 16.94   | 16.79      | 4.02    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-16 Instrumnet Name : P8  
 Client Sample ID : DC1296-18-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:01:43 DataFile Name : 038SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.01    | 0.01       | 66.07   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | -0.02   | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.04   | -0.02   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.03    | 0.03    | 0.03    | 0.03       | 1.74    | ppb   |
| Phosphorus | 31-2  | 665.37  | 882.17  | 824.66  | 790.73     | 14.20   | ppb   |
| Potassium  | 39-2  | 460.04  | 445.64  | 437.31  | 447.66     | 2.57    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.74    | 1.73    | 0.84       | 185.86  | ppb   |
| Selenium   | 78-2  | 1.04    | 0.19    | 0.18    | 0.47       | 105.63  | ppb   |
| Selenium   | 82-1  | 0.45    | 0.42    | -0.20   | 0.22       | 165.92  | ppb   |
| Silicon    | 28-1  | 950.03  | 953.70  | 963.73  | 955.82     | 0.74    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 141.14  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 17.95   | ppb   |
| Sodium     | 23-2  | 9192.01 | 9238.91 | 8816.37 | 9082.43    | 2.55    | ppb   |
| Strontium  | 86-1  | 17.84   | 18.23   | 18.83   | 18.30      | 2.74    | ppb   |
| Strontium  | 88-1  | 18.31   | 18.58   | 18.52   | 18.47      | 0.77    | ppb   |
| Sulfur     | 34-1  | -300.53 | -419.78 | -173.87 | -298.06    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.06   | -0.08   | -0.08   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.48    | 0.35    | 0.50    | 0.44       | 18.50   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.04    | 0.04    | 0.04       | 5.40    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 4.40    | 3.96    | 4.25    | 4.20       | 5.40    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 4.90    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-16              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-18-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:01:43   | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.02    | 0.02       | 30.20   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-17 Instrumnet Name : P8  
 Client Sample ID : DC1296-19-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:04:51 DataFile Name : 039SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.37   | 11.54   | 16.79   | 12.90      | 26.50   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 7.55    | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.30    | 0.42    | 0.30       | 37.92   | ppb   |
| Barium     | 135-1 | 18.04   | 18.22   | 18.39   | 18.21      | 0.97    | ppb   |
| Barium     | 137-1 | 17.63   | 18.23   | 17.77   | 17.88      | 1.76    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.07   | -0.07   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.65    | 5.27    | 4.14    | 4.69       | 12.13   | ppb   |
| Boron      | 11-1  | 4.48    | 4.15    | 4.78    | 4.47       | 7.02    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.18   | -0.19   | -0.16      |         | ppb   |
| Cadmium    | 106-1 | -1.19   | -2.31   | -2.48   | -1.99      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.06   | -0.03   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4444.46 | 4453.28 | 4490.86 | 4462.87    | 0.55    | ppb   |
| Calcium    | 44-1  | 4567.84 | 4589.84 | 4562.10 | 4573.26    | 0.32    | ppb   |
| Chromium   | 52-2  | 0.01    | 0.05    | -0.01   | 0.02       | 191.32  | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 90.13   | 87.53   | 96.80   | 91.48      | 5.23    | 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  | 22.77   | 22.22   | 24.41   | 23.13      | 4.93    | ppb   |
| Iron       | 57-2  | 19.86   | 21.82   | 53.74   | 31.81      | 59.79   | ppb   |
| Lead       | 206-1 | 0.83    | 0.83    | 0.82    | 0.83       | 0.63    | ppb   |
| Lead       | 207-1 | 0.74    | 0.75    | 0.77    | 0.75       | 1.73    | ppb   |
| Lead       | 208-1 | 0.79    | 0.80    | 0.82    | 0.80       | 2.27    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1044.31 | 1029.56 | 1109.71 | 1061.19    | 4.02    | ppb   |
| Manganese  | 55-2  | 18.57   | 17.14   | 18.76   | 18.15      | 4.88    | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-17 Instrumnet Name : P8  
 Client Sample ID : DC1296-19-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:04:51 DataFile Name : 039SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 43.13   | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.01    | 0.00       | 172.55  | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.52    | 0.49    | 0.54    | 0.52       | 4.98    | ppb   |
| Phosphorus | 31-2  | 624.51  | 680.98  | 865.64  | 723.71     | 17.43   | ppb   |
| Potassium  | 39-2  | 486.75  | 418.62  | 526.26  | 477.21     | 11.41   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 1.40    | 0.16    | -0.22   | 0.45       | 189.56  | ppb   |
| Selenium   | 82-1  | 0.67    | -0.36   | 0.03    | 0.11       | 458.87  | ppb   |
| Silicon    | 28-1  | 948.58  | 936.05  | 968.85  | 951.16     | 1.74    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 82.65   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 48.42   | ppb   |
| Sodium     | 23-2  | 9221.20 | 8956.78 | 9882.90 | 9353.62    | 5.10    | ppb   |
| Strontium  | 86-1  | 18.69   | 18.72   | 18.48   | 18.63      | 0.70    | ppb   |
| Strontium  | 88-1  | 18.81   | 19.01   | 18.86   | 18.89      | 0.53    | ppb   |
| Sulfur     | 34-1  | -781.31 | -721.17 | -535.84 | -679.44    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.47    | 0.46    | 0.50    | 0.48       | 3.93    | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.03    | 0.03    | 0.04       | 33.08   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 21.52   | 21.95   | 22.90   | 22.12      | 3.19    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.05    | 0.04       | 27.87   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-17              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-19-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:04:51   | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.01    | 0.02       | 73.69   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 14:08:00 | DataFile Name :   | 040CCV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.87    | 2.82    | -0.58   | 1.37       | 128.06  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.01    | 0.00       | 77.85   | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.09   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.06   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.05   | -0.05   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.74    | 1.61    | 1.02    | 1.46       | 26.39   | ppb   |
| Boron      | 11-1  | 1.02    | 1.23    | 1.07    | 1.11       | 9.93    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.14   | -0.06   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -1.01   | -1.62   | -0.41   | -1.02      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.14   | -0.08   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 5.10    | 5.32    | -0.61   | 3.27       | 102.95  | ppb   |
| Calcium    | 44-1  | 9.62    | 10.32   | 5.13    | 8.36       | 33.66   | ppb   |
| Chromium   | 52-2  | -0.08   | -0.01   | 0.01    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | -0.04   | -0.03   | -0.05   | -0.04      |         | 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  | -0.01   | 0.60    | 0.75    | 0.44       | 90.34   | ppb   |
| Iron       | 57-2  | 0.16    | 1.73    | 1.88    | 1.25       | 76.14   | ppb   |
| Lead       | 206-1 | 484.53  | 489.37  | 491.32  | 488.41     | 0.72    | ppb   |
| Lead       | 207-1 | 481.22  | 488.45  | 496.38  | 488.68     | 1.55    | ppb   |
| Lead       | 208-1 | 486.96  | 487.49  | 492.89  | 489.11     | 0.67    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.16   | -0.76   | -1.41   | -1.11      |         | ppb   |
| Manganese  | 55-2  | -0.04   | -0.10   | -0.06   | -0.06      |         | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 14:08:00 | DataFile Name :   | 040CCV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.02   | -0.03    | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04    | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03    | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.07   | -0.06    | -0.06      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.03    | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | -0.17   | -0.12   | -0.13    | -0.14      |         | ppb   |
| Phosphorus | 31-2  | -22.44  | 2.20    | -22.44   | -14.23     |         | ppb   |
| Potassium  | 39-2  | -22.12  | -2.59   | -6.91    | -10.54     |         | ppb   |
| Rhodium    | 103-1 |         |         |          |            |         | %     |
| Rhodium    | 103-2 |         |         |          |            |         | %     |
| Scandium   | 45-1  |         |         |          |            |         | %     |
| Scandium   | 45-2  |         |         |          |            |         | %     |
| Selenium   | 77-2  | 1.87    | 1.89    | -0.96    | 0.93       | 175.59  | ppb   |
| Selenium   | 78-2  | 0.70    | 0.26    | -0.64    | 0.11       | 646.80  | ppb   |
| Selenium   | 82-1  | -0.75   | -0.16   | 0.27     | -0.21      |         | ppb   |
| Silicon    | 28-1  | -13.74  | -13.75  | -15.65   | -14.38     |         | ppb   |
| Silver     | 109-1 | 0.00    | -0.01   | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00     | 0.00       | 94.69   | ppb   |
| Sodium     | 23-2  | 7.46    | 10.91   | 14.45    | 10.94      | 31.95   | ppb   |
| Strontium  | 86-1  | 0.00    | -0.03   | 0.03     | 0.00       | 1477.00 | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00     | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -960.48 | -918.38 | -1033.22 | -970.69    |         | ppb   |
| Terbium    | 159-1 |         |         |          |            |         | %     |
| Terbium    | 159-2 |         |         |          |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.03   | -0.03    | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.34    | 0.36    | 0.29     | 0.33       | 10.23   | ppb   |
| Titanium   | 47-1  | 0.07    | 0.03    | 0.04     | 0.05       | 49.36   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06    | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.02    | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |          |            |         | %     |
| Yttrium    | 89-2  |         |         |          |            |         | %     |
| Zinc       | 66-2  | 0.01    | -0.11   | -0.02    | -0.04      |         | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.00     | 0.00       | 380.99  | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 14:08:00 | DataFile Name :   | 040CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.02    | 0.00    | 0.00       | 494.51  | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : CCB94 Instrumnet Name : P8  
 Client Sample ID : CCB94 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:11:09 DataFile Name : 041CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.38    | 0.24    | -0.58   | 1.35       | 197.12  | ppb   |
| Antimony   | 121-1 | 0.01    | 0.00    | 0.00    | 0.00       | 197.95  | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.07   | -0.09   | -0.10   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.07   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.04   | -0.08   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.19    | 1.23    | 0.40    | 0.61       | 90.78   | ppb   |
| Boron      | 11-1  | 1.01    | 0.50    | 0.31    | 0.61       | 60.25   | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.18   | -0.11   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -1.32   | -2.10   | -1.15   | -1.52      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.08   | -0.05   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 13.30   | -0.31   | 1.45    | 4.81       | 153.77  | ppb   |
| Calcium    | 44-1  | 8.33    | 1.51    | 2.38    | 4.07       | 91.04   | ppb   |
| Chromium   | 52-2  | -0.07   | -0.17   | -0.10   | -0.11      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | -0.04   | -0.07   | -0.03   | -0.05      |         | 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  | 0.24    | -0.08   | 0.25    | 0.14       | 136.70  | ppb   |
| Iron       | 57-2  | -0.25   | -0.94   | -0.15   | -0.45      |         | ppb   |
| Lead       | 206-1 | -0.04   | -0.03   | -0.01   | -0.03      |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.04   | -0.06   | -0.04      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.31   | 0.02    | -0.24   | -0.51      |         | ppb   |
| Manganese  | 55-2  | -0.11   | -0.12   | -0.09   | -0.10      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:11:09 | DataFile Name :   | 041CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.18   | -0.15   | -0.14   | -0.16      |         | ppb   |
| Phosphorus | 31-2  | -22.44  | 13.42   | 26.82   | 5.93       | 429.44  | ppb   |
| Potassium  | 39-2  | -12.06  | -4.19   | -3.38   | -6.54      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.86    | 1.88    | 4.72    | 2.82       | 58.38   | ppb   |
| Selenium   | 78-2  | -0.66   | 1.16    | -1.11   | -0.20      |         | ppb   |
| Selenium   | 82-1  | -0.27   | -0.22   | 0.63    | 0.05       | 1030.40 | ppb   |
| Silicon    | 28-1  | -12.04  | -15.77  | -16.84  | -14.88     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 62.36   | ppb   |
| Sodium     | 23-2  | 7.31    | 2.55    | 1.86    | 3.91       | 76.02   | ppb   |
| Strontium  | 86-1  | 0.13    | 0.01    | 0.01    | 0.05       | 145.82  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -365.06 | -912.82 | -665.77 | -647.88    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.01   | -0.04   | -0.03   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.04    | 0.01    | -0.05   | 0.00       |         | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | -0.02   | -0.04   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.36   | -0.24   | -0.36   | -0.32      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.01    | 0.00       | 147.05  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:11:09 | DataFile Name :   | 041CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | -0.01   | 0.00       | 371.70  | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-18 Instrumnet Name : P8  
 Client Sample ID : DC1296-20-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:14:21 DataFile Name : 042SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 16.62   | 18.52   | 13.55   | 16.23      | 15.46   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.05    | 0.04       | 12.60   | ppb   |
| Arsenic    | 75-2  | 0.16    | 0.25    | 0.25    | 0.22       | 23.07   | ppb   |
| Barium     | 135-1 | 17.12   | 17.24   | 17.45   | 17.27      | 0.98    | ppb   |
| Barium     | 137-1 | 17.52   | 17.00   | 17.02   | 17.18      | 1.72    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.04   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.60    | 4.25    | 4.41    | 4.09       | 10.40   | ppb   |
| Boron      | 11-1  | 4.27    | 4.28    | 3.83    | 4.13       | 6.18    | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.10   | -0.01   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.97   | -1.11   | 0.21    | -0.63      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.06   | 0.05    | 0.00       |         | ppb   |
| Calcium    | 43-1  | 4529.28 | 4499.22 | 4507.01 | 4511.84    | 0.35    | ppb   |
| Calcium    | 44-1  | 4634.78 | 4549.45 | 4553.03 | 4579.09    | 1.05    | ppb   |
| Chromium   | 52-2  | 0.14    | 0.17    | 0.13    | 0.15       | 15.30   | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 20.65   | 21.24   | 21.19   | 21.03      | 1.55    | 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  | 26.32   | 27.57   | 27.01   | 26.97      | 2.33    | ppb   |
| Iron       | 57-2  | 33.44   | 24.23   | 24.93   | 27.53      | 18.63   | ppb   |
| Lead       | 206-1 | 0.27    | 0.28    | 0.27    | 0.28       | 2.20    | ppb   |
| Lead       | 207-1 | 0.21    | 0.24    | 0.24    | 0.23       | 7.67    | ppb   |
| Lead       | 208-1 | 0.23    | 0.24    | 0.24    | 0.24       | 4.30    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 992.19  | 1031.55 | 1000.32 | 1008.02    | 2.06    | ppb   |
| Manganese  | 55-2  | 17.48   | 18.28   | 18.26   | 18.01      | 2.54    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-18 Instrumnet Name : P8  
 Client Sample ID : DC1296-20-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:14:21 DataFile Name : 042SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04    | 0.05    | 0.02    | 0.04       | 47.17   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | 0.00    | 0.01       | 85.58   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.00    | 0.01    | 0.01       | 109.55  | ppb   |
| Molybdenum | 97-1  | -0.02   | 0.00    | -0.05   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.00    | 0.00       | 1772.91 | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.39    | 0.46    | 0.40    | 0.42       | 8.70    | ppb   |
| Phosphorus | 31-2  | 556.16  | 739.86  | 638.22  | 644.75     | 14.27   | ppb   |
| Potassium  | 39-2  | 458.18  | 458.63  | 433.68  | 450.16     | 3.17    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 0.58    | -0.25   | 1.02    | 0.45       | 143.93  | ppb   |
| Selenium   | 82-1  | -0.37   | 0.27    | -0.19   | -0.10      |         | ppb   |
| Silicon    | 28-1  | 984.17  | 979.29  | 961.80  | 975.09     | 1.21    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.00       | 113.56  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 54.12   | ppb   |
| Sodium     | 23-2  | 9059.43 | 9147.42 | 9045.44 | 9084.10    | 0.61    | ppb   |
| Strontium  | 86-1  | 18.41   | 17.70   | 17.97   | 18.03      | 2.00    | ppb   |
| Strontium  | 88-1  | 18.81   | 18.34   | 18.30   | 18.48      | 1.53    | ppb   |
| Sulfur     | 34-1  | -238.19 | -354.05 | -106.31 | -232.85    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.07   | -0.07   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.36    | 0.53    | 0.51    | 0.47       | 19.61   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.04    | 0.01    | 0.04       | 82.80   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 11.05   | 10.81   | 10.82   | 10.89      | 1.22    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.04    | 0.05    | 0.04       | 11.02   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-18              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-20-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:14:21   | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.03    | 0.06    | 0.06       | 54.19   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-19 Instrumnet Name : P8  
 Client Sample ID : DC1296-21-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:17:30 DataFile Name : 043SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.52   | 9.37    | 13.19   | 11.03      | 17.79   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.05    | 0.06       | 11.45   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.21    | 0.29    | 0.26       | 17.70   | ppb   |
| Barium     | 135-1 | 17.95   | 18.27   | 18.49   | 18.24      | 1.50    | ppb   |
| Barium     | 137-1 | 17.85   | 17.72   | 18.72   | 18.10      | 3.01    | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.05   | -0.05   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.52    | 3.67    | 3.86    | 4.01       | 11.08   | ppb   |
| Boron      | 11-1  | 4.42    | 4.34    | 4.47    | 4.41       | 1.50    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.14   | -0.15   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -1.73   | -1.78   | -1.74   | -1.75      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.14   | -0.06   | -0.10      |         | ppb   |
| Calcium    | 43-1  | 4562.27 | 4417.30 | 4448.29 | 4475.96    | 1.71    | ppb   |
| Calcium    | 44-1  | 4596.89 | 4546.19 | 4491.84 | 4544.97    | 1.16    | ppb   |
| Chromium   | 52-2  | 0.07    | -0.06   | 0.00    | 0.01       | 1184.81 | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Copper     | 63-2  | 69.16   | 66.74   | 67.70   | 67.86      | 1.80    | 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  | 22.60   | 24.84   | 25.87   | 24.44      | 6.84    | ppb   |
| Iron       | 57-2  | 23.46   | 20.20   | 21.25   | 21.63      | 7.70    | ppb   |
| Lead       | 206-1 | 0.74    | 0.72    | 0.72    | 0.73       | 2.10    | ppb   |
| Lead       | 207-1 | 0.60    | 0.59    | 0.64    | 0.61       | 4.37    | ppb   |
| Lead       | 208-1 | 0.66    | 0.66    | 0.66    | 0.66       | 0.43    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1014.86 | 1009.93 | 1012.30 | 1012.36    | 0.24    | ppb   |
| Manganese  | 55-2  | 17.03   | 17.09   | 17.43   | 17.18      | 1.27    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-19 Instrumnet Name : P8  
 Client Sample ID : DC1296-21-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:17:30 DataFile Name : 043SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.02    | 0.02       | 30.22   | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | -0.01   | 0.00       | 670.03  | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.36    | 0.34    | 0.41    | 0.37       | 9.89    | ppb   |
| Phosphorus | 31-2  | 644.74  | 710.71  | 588.36  | 647.94     | 9.45    | ppb   |
| Potassium  | 39-2  | 445.05  | 450.64  | 446.67  | 447.45     | 0.64    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.68   | 0.60    | -0.69   | -0.26      |         | ppb   |
| Selenium   | 82-1  | -0.50   | 0.37    | -0.24   | -0.12      |         | ppb   |
| Silicon    | 28-1  | 957.41  | 973.60  | 964.30  | 965.10     | 0.84    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 31.14   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.01    | 0.01       | 56.10   | ppb   |
| Sodium     | 23-2  | 9322.74 | 8770.77 | 8866.80 | 8986.77    | 3.28    | ppb   |
| Strontium  | 86-1  | 18.53   | 18.92   | 18.99   | 18.81      | 1.31    | ppb   |
| Strontium  | 88-1  | 19.04   | 19.26   | 18.74   | 19.02      | 1.38    | ppb   |
| Sulfur     | 34-1  | -407.00 | -224.30 | -305.45 | -312.25    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.35    | 0.42    | 0.34    | 0.37       | 11.65   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.04    | 0.02    | 0.04       | 45.34   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 19.31   | 18.98   | 19.87   | 19.38      | 2.32    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.02    | 0.02       | 11.08   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-19              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-21-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:17:30   | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.03    | 0.02    | 0.03       | 46.60   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-20 Instrumnet Name : P8  
 Client Sample ID : DC1296-22-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:20:37 DataFile Name : 044SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.07   | 22.45   | 13.50   | 18.34      | 24.64   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.05    | 0.04       | 18.35   | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.27    | 0.21    | 0.23       | 13.12   | ppb   |
| Barium     | 135-1 | 17.54   | 16.89   | 17.93   | 17.45      | 3.01    | ppb   |
| Barium     | 137-1 | 18.00   | 17.46   | 17.71   | 17.72      | 1.51    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.05   | -0.09   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.26    | 4.16    | 5.26    | 4.56       | 13.29   | ppb   |
| Boron      | 11-1  | 4.65    | 4.49    | 4.86    | 4.67       | 3.89    | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.11   | -0.20   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -0.81   | -1.23   | -2.46   | -1.50      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | -0.11   | -0.03   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 4534.10 | 4511.89 | 4536.37 | 4527.45    | 0.30    | ppb   |
| Calcium    | 44-1  | 4652.40 | 4623.20 | 4620.70 | 4632.10    | 0.38    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 12.47   | 12.19   | 12.51   | 12.39      | 1.43    | 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  | 16.66   | 18.50   | 17.54   | 17.56      | 5.24    | ppb   |
| Iron       | 57-2  | 16.72   | 16.67   | 18.57   | 17.32      | 6.24    | ppb   |
| Lead       | 206-1 | 0.05    | 0.06    | 0.06    | 0.05       | 9.93    | ppb   |
| Lead       | 207-1 | 0.06    | 0.01    | 0.00    | 0.02       | 134.85  | ppb   |
| Lead       | 208-1 | 0.05    | 0.04    | 0.02    | 0.03       | 41.82   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1048.97 | 1022.65 | 1031.31 | 1034.31    | 1.30    | ppb   |
| Manganese  | 55-2  | 11.32   | 10.97   | 11.37   | 11.22      | 1.96    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-20              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-22-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:20:37   | DataFile Name :   | 044SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.02    | 0.01       | 25.52   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.01    | 0.02    | 0.01       | 258.90  | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | -0.01   | 0.00       | 703.19  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.12    | 0.12    | 0.14    | 0.13       | 7.57    | ppb   |
| Phosphorus | 31-2  | 741.97  | 724.09  | 692.80  | 719.62     | 3.46    | ppb   |
| Potassium  | 39-2  | 459.63  | 471.15  | 499.13  | 476.64     | 4.26    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.69   | -1.11   | 0.59    | -0.40      |         | ppb   |
| Selenium   | 82-1  | 0.12    | -0.13   | 0.61    | 0.20       | 188.38  | ppb   |
| Silicon    | 28-1  | 967.09  | 998.53  | 1012.14 | 992.59     | 2.33    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 401.00  | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.00       | 69.49   | ppb   |
| Sodium     | 23-2  | 9329.18 | 8959.85 | 9146.79 | 9145.28    | 2.02    | ppb   |
| Strontium  | 86-1  | 18.75   | 18.76   | 18.23   | 18.58      | 1.64    | ppb   |
| Strontium  | 88-1  | 18.77   | 18.90   | 18.82   | 18.83      | 0.34    | ppb   |
| Sulfur     | 34-1  | -69.72  | -168.02 | -37.81  | -91.85     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.38    | 0.33    | 0.33    | 0.35       | 7.99    | ppb   |
| Uranium    | 238-1 | -0.03   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.05    | 0.03    | 0.03       | 53.02   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 3.63    | 3.39    | 3.57    | 3.53       | 3.45    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 10.27   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-20              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-22-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:20:37   | DataFile Name :   | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.02    | 0.03       | 32.09   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100824BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100824BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:23:46 | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.72    | 1.92    | 3.60    | 2.75       | 30.67   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.04   | -0.03   | -0.02      |         | ppb   |
| Barium     | 135-1 | -0.08   | -0.10   | -0.08   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.94    | 0.93    | 0.34    | 0.74       | 46.36   | ppb   |
| Boron      | 11-1  | 0.66    | 0.80    | 0.77    | 0.75       | 9.59    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.13   | -0.14   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.18   | -1.43   | -1.68   | -1.43      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.14   | -0.11   | -0.12      |         | ppb   |
| Calcium    | 43-1  | 11.54   | 7.93    | 14.28   | 11.25      | 28.33   | ppb   |
| Calcium    | 44-1  | 3.75    | 2.93    | 11.25   | 5.98       | 76.70   | ppb   |
| Chromium   | 52-2  | -0.12   | -0.09   | -0.05   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.04   | -0.05   | -0.10   | -0.06      |         | 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  | 0.07    | 0.16    | 0.12    | 0.12       | 37.67   | ppb   |
| Iron       | 57-2  | -0.49   | -0.68   | -1.12   | -0.76      |         | ppb   |
| Lead       | 206-1 | -0.06   | -0.06   | -0.03   | -0.05      |         | ppb   |
| Lead       | 207-1 | -0.09   | -0.07   | -0.07   | -0.08      |         | ppb   |
| Lead       | 208-1 | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.81   | -0.62   | -1.29   | -0.91      |         | ppb   |
| Manganese  | 55-2  | -0.02   | -0.11   | -0.08   | -0.07      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100824BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100824BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:23:46 | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | -0.02   | -0.02   | -0.02   | -0.02      |          | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |          | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |          | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.03   | -0.08   | -0.06      |          | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |          | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | -0.17   | -0.13   | -0.18   | -0.16      |          | ppb   |
| Phosphorus | 31-2  | 25.36   | 13.82   | -10.31  | 9.63       | 189.08   | ppb   |
| Potassium  | 39-2  | -18.31  | -16.36  | -2.78   | -12.48     |          | ppb   |
| Rhodium    | 103-1 |         |         |         |            |          | %     |
| Rhodium    | 103-2 |         |         |         |            |          | %     |
| Scandium   | 45-1  |         |         |         |            |          | %     |
| Scandium   | 45-2  |         |         |         |            |          | %     |
| Selenium   | 77-2  | -0.96   | 1.93    | -0.96   | 0.00       | 65465.85 | ppb   |
| Selenium   | 78-2  | -0.20   | -0.65   | -0.20   | -0.35      |          | ppb   |
| Selenium   | 82-1  | 0.69    | -0.59   | 0.11    | 0.07       | 909.04   | ppb   |
| Silicon    | 28-1  | -15.28  | -19.29  | -14.62  | -16.40     |          | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 248.54   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |          | ppb   |
| Sodium     | 23-2  | 2.01    | 7.51    | 6.55    | 5.36       | 54.79    | ppb   |
| Strontium  | 86-1  | 0.02    | 0.06    | 0.01    | 0.03       | 105.52   | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | 0.00    | 0.00       |          | ppb   |
| Sulfur     | 34-1  | -843.23 | -972.29 | -341.62 | -719.04    |          | ppb   |
| Terbium    | 159-1 |         |         |         |            |          | %     |
| Terbium    | 159-2 |         |         |         |            |          | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.05   | -0.04      |          | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.03      |          | ppb   |
| Tin        | 118-1 | -0.03   | -0.04   | -0.03   | -0.03      |          | ppb   |
| Titanium   | 47-1  | -0.04   | -0.02   | -0.01   | -0.03      |          | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |          | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.02   | -0.02   | -0.02      |          | ppb   |
| Yttrium    | 89-1  |         |         |         |            |          | %     |
| Yttrium    | 89-2  |         |         |         |            |          | %     |
| Zinc       | 66-2  | -0.29   | -0.24   | -0.31   | -0.28      |          | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | -0.01   | -0.01      |          | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100824BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100824BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:23:46 | DataFile Name :   | 045SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100824BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100824BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:26:56 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.79    | 1.04    | 1.07    | 1.63       | 61.22   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.00    | 0.01       | 30.26   | ppb   |
| Arsenic    | 75-2  | -0.04   | 0.03    | -0.03   | -0.01      |         | ppb   |
| Barium     | 135-1 | -0.06   | -0.05   | -0.08   | -0.06      |         | ppb   |
| Barium     | 137-1 | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.70    | 1.01    | 0.50    | 0.74       | 35.34   | ppb   |
| Boron      | 11-1  | 0.68    | 0.84    | 0.86    | 0.79       | 12.95   | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.15   | -0.14   | -0.15      |         | ppb   |
| Cadmium    | 106-1 | -1.73   | -1.86   | -1.68   | -1.76      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.11   | -0.08   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 17.44   | -7.68   | 3.57    | 4.44       | 283.14  | ppb   |
| Calcium    | 44-1  | 14.30   | 6.32    | 8.51    | 9.71       | 42.46   | ppb   |
| Chromium   | 52-2  | -0.04   | -0.05   | 0.01    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.04   | -0.02   | -0.05   | -0.04      |         | 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  | 0.44    | 0.27    | 0.53    | 0.41       | 32.81   | ppb   |
| Iron       | 57-2  | 0.05    | 0.14    | 0.42    | 0.20       | 94.57   | ppb   |
| Lead       | 206-1 | 501.47  | 488.51  | 483.53  | 491.17     | 1.89    | ppb   |
| Lead       | 207-1 | 508.16  | 481.98  | 484.94  | 491.69     | 2.92    | ppb   |
| Lead       | 208-1 | 510.60  | 487.22  | 485.84  | 494.56     | 2.81    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.94   | -0.84   | 0.51    | -0.42      |         | ppb   |
| Manganese  | 55-2  | -0.01   | -0.14   | -0.07   | -0.07      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100824BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100824BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:26:56 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.02   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.15   | -0.19   | -0.17   | -0.17      |         | ppb   |
| Phosphorus | 31-2  | 50.80   | 1.12    | -10.52  | 13.80      | 235.97  | ppb   |
| Potassium  | 39-2  | -2.79   | -14.56  | -4.44   | -7.27      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.20   | -0.20   | -1.11   | -0.50      |         | ppb   |
| Selenium   | 82-1  | -0.54   | -0.39   | 0.38    | -0.18      |         | ppb   |
| Silicon    | 28-1  | -8.17   | -15.51  | -16.07  | -13.25     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 8.06    | 5.59    | 9.05    | 7.57       | 23.51   | ppb   |
| Strontium  | 86-1  | 0.01    | 0.02    | 0.00    | 0.01       | 122.44  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 80.24   | -765.42 | -437.54 | -374.24    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.38    | 0.29    | 0.33    | 0.33       | 14.14   | ppb   |
| Titanium   | 47-1  | 0.05    | 0.07    | 0.03    | 0.05       | 40.92   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.02   | 0.03    | 0.23    | 0.08       | 168.38  | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 9.48    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100824BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100824BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:26:56 | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.00    | 0.00       | 275.15  | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-01 Instrumnet Name : P8  
 Client Sample ID : DC20894-01-FL1-PLG-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:30:06 DataFile Name : 047SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.14   | 13.80   | 10.34   | 12.76      | 16.46   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.05    | 0.04       | 15.04   | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.19    | 0.24    | 0.20       | 17.99   | ppb   |
| Barium     | 135-1 | 18.81   | 18.36   | 17.78   | 18.32      | 2.82    | ppb   |
| Barium     | 137-1 | 18.22   | 18.23   | 18.00   | 18.15      | 0.73    | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.47    | 3.97    | 3.27    | 3.57       | 10.13   | ppb   |
| Boron      | 11-1  | 3.85    | 3.83    | 4.08    | 3.92       | 3.45    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.08   | -0.20   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.05   | -0.58   | -2.10   | -1.25      |         | ppb   |
| Cadmium    | 108-1 | 0.22    | 0.25    | 0.41    | 0.29       | 35.53   | ppb   |
| Calcium    | 43-1  | 4460.02 | 4487.08 | 4474.97 | 4474.02    | 0.30    | ppb   |
| Calcium    | 44-1  | 4522.64 | 4562.46 | 4606.15 | 4563.75    | 0.92    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.05   | 0.09    | 0.00       | 2291.65 | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 8.15    | 8.03    | 9.07    | 8.42       | 6.78    | 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  | 14.26   | 14.43   | 16.16   | 14.95      | 7.02    | ppb   |
| Iron       | 57-2  | 15.14   | 13.03   | 14.90   | 14.36      | 8.06    | ppb   |
| Lead       | 206-1 | 0.40    | 0.36    | 0.36    | 0.38       | 5.35    | ppb   |
| Lead       | 207-1 | 0.30    | 0.28    | 0.25    | 0.28       | 8.03    | ppb   |
| Lead       | 208-1 | 0.34    | 0.33    | 0.30    | 0.32       | 6.53    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1024.90 | 1020.19 | 1126.94 | 1057.35    | 5.70    | ppb   |
| Manganese  | 55-2  | 12.40   | 12.24   | 13.23   | 12.62      | 4.22    | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-01 Instrumnet Name : P8  
 Client Sample ID : DC20894-01-FL1-PLG-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:30:06 DataFile Name : 047SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.01    | 0.02       | 30.49   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | 111.14  | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.13    | 0.10    | 0.13    | 0.12       | 13.32   | ppb   |
| Phosphorus | 31-2  | 494.82  | 614.54  | 538.48  | 549.28     | 11.03   | ppb   |
| Potassium  | 39-2  | 419.51  | 434.71  | 482.53  | 445.58     | 7.38    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.26   | -0.69   | 0.25    | -0.23      |         | ppb   |
| Selenium   | 82-1  | -0.78   | 0.30    | 0.30    | -0.06      |         | ppb   |
| Silicon    | 28-1  | 926.02  | 938.82  | 932.42  | 932.42     | 0.69    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.01       | 38.09   | ppb   |
| Sodium     | 23-2  | 9177.29 | 8972.45 | 9816.92 | 9322.22    | 4.73    | ppb   |
| Strontium  | 86-1  | 18.38   | 18.34   | 18.74   | 18.49      | 1.19    | ppb   |
| Strontium  | 88-1  | 18.81   | 18.94   | 18.69   | 18.81      | 0.69    | ppb   |
| Sulfur     | 34-1  | -310.77 | 153.91  | 27.39   | -43.16     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.32    | 0.20    | 0.19    | 0.24       | 31.33   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.01    | 0.04    | 0.03       | 51.88   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1222.00 | 1193.85 | 1341.59 | 1252.48    | 6.26    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.03    | 0.04    | 0.04       | 27.96   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-01             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-01-FL1-PLG-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:30:06  | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.05    | 0.02    | 0.04       | 38.67   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-02             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-02-FL1-PLG-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:33:14  | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.02   | 11.14   | 16.54   | 14.23      | 19.55   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 6.21    | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.20    | 0.22    | 0.21       | 3.01    | ppb   |
| Barium     | 135-1 | 18.20   | 17.46   | 18.44   | 18.04      | 2.83    | ppb   |
| Barium     | 137-1 | 17.46   | 17.84   | 17.97   | 17.76      | 1.49    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.06   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.74    | 3.50    | 4.02    | 4.08       | 15.24   | ppb   |
| Boron      | 11-1  | 4.20    | 4.16    | 4.31    | 4.22       | 1.77    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.11   | -0.04   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -1.75   | -1.33   | -0.28   | -1.12      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.00    | -0.08   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 4506.48 | 4489.68 | 4523.33 | 4506.50    | 0.37    | ppb   |
| Calcium    | 44-1  | 4523.83 | 4606.70 | 4584.90 | 4571.81    | 0.94    | ppb   |
| Chromium   | 52-2  | -0.01   | 0.01    | -0.10   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 10.99   | 10.37   | 10.61   | 10.66      | 2.91    | 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  | 14.69   | 15.08   | 14.80   | 14.86      | 1.32    | ppb   |
| Iron       | 57-2  | 12.87   | 16.17   | 15.22   | 14.75      | 11.49   | ppb   |
| Lead       | 206-1 | 0.35    | 0.36    | 0.30    | 0.34       | 9.33    | ppb   |
| Lead       | 207-1 | 0.37    | 0.33    | 0.30    | 0.33       | 9.87    | ppb   |
| Lead       | 208-1 | 0.35    | 0.34    | 0.31    | 0.33       | 6.43    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1120.73 | 1082.30 | 1060.53 | 1087.85    | 2.80    | ppb   |
| Manganese  | 55-2  | 13.42   | 13.06   | 12.82   | 13.10      | 2.29    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-02 Instrumnet Name : P8  
 Client Sample ID : DC20894-02-FL1-PLG-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:33:14 DataFile Name : 048SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.01    | 0.02       | 53.34   | ppb   |
| Molybdenum | 95-1  | 0.01    | -0.01   | 0.00    | 0.00       | 942.66  | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.02    | 0.01       | 54.59   | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.10    | 0.01    | 0.03    | 0.05       | 97.26   | ppb   |
| Phosphorus | 31-2  | 728.03  | 793.98  | 598.54  | 706.85     | 14.07   | ppb   |
| Potassium  | 39-2  | 447.06  | 419.10  | 440.99  | 435.71     | 3.37    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 0.68    | -0.68   | 0.60    | 0.20       | 384.25  | ppb   |
| Selenium   | 82-1  | 0.77    | -0.88   | 0.65    | 0.18       | 512.93  | ppb   |
| Silicon    | 28-1  | 941.53  | 955.94  | 960.37  | 952.62     | 1.03    | ppb   |
| Silver     | 109-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 125.30  | ppb   |
| Sodium     | 23-2  | 9809.98 | 9240.97 | 9106.23 | 9385.73    | 3.98    | ppb   |
| Strontium  | 86-1  | 18.47   | 18.97   | 18.42   | 18.62      | 1.64    | ppb   |
| Strontium  | 88-1  | 18.83   | 18.89   | 18.48   | 18.74      | 1.19    | ppb   |
| Sulfur     | 34-1  | -18.56  | 219.78  | 201.22  | 134.15     | 98.83   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.25    | 0.29    | 0.32    | 0.29       | 12.60   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.05    | 0.05    | 0.05       | 13.24   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 295.69  | 279.90  | 277.33  | 284.31     | 3.50    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.04    | 0.02    | 0.03       | 25.94   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-02             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-02-FL1-PLG-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:33:14  | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.06    | 0.05       | 25.38   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-03 Instrumnet Name : P8  
 Client Sample ID : DC20894-03-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:36:22 DataFile Name : 049SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.84    | 21.51   | 9.90    | 13.75      | 48.84   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.06    | 0.05       | 9.73    | ppb   |
| Arsenic    | 75-2  | 0.20    | 0.26    | 0.13    | 0.20       | 32.61   | ppb   |
| Barium     | 135-1 | 18.28   | 18.01   | 17.34   | 17.88      | 2.70    | ppb   |
| Barium     | 137-1 | 17.66   | 17.50   | 17.70   | 17.62      | 0.60    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.38    | 4.00    | 3.72    | 4.03       | 8.11    | ppb   |
| Boron      | 11-1  | 4.15    | 3.88    | 4.06    | 4.03       | 3.41    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.08   | -0.09   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -1.81   | -1.01   | -1.22   | -1.35      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.03    | -0.08   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 4455.22 | 4413.78 | 4431.96 | 4433.66    | 0.47    | ppb   |
| Calcium    | 44-1  | 4643.69 | 4584.67 | 4547.67 | 4592.01    | 1.05    | ppb   |
| Chromium   | 52-2  | 0.02    | -0.06   | -0.08   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Copper     | 63-2  | 187.28  | 184.91  | 189.13  | 187.11     | 1.13    | 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  | 16.49   | 15.91   | 16.27   | 16.22      | 1.79    | ppb   |
| Iron       | 57-2  | 17.58   | 17.45   | 18.15   | 17.72      | 2.10    | ppb   |
| Lead       | 206-1 | 1.26    | 1.26    | 1.31    | 1.28       | 2.17    | ppb   |
| Lead       | 207-1 | 1.28    | 1.15    | 1.24    | 1.22       | 5.41    | ppb   |
| Lead       | 208-1 | 1.27    | 1.24    | 1.29    | 1.27       | 1.83    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1057.63 | 1061.16 | 1072.54 | 1063.78    | 0.73    | ppb   |
| Manganese  | 55-2  | 9.85    | 9.90    | 10.53   | 10.09      | 3.74    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-03             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-03-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:36:22  | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.00    | 0.01    | 0.01       | 98.55   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.02    | 0.01       | 77.68   | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 6.28    | 6.07    | 6.20    | 6.18       | 1.69    | ppb   |
| Phosphorus | 31-2  | 699.03  | 790.37  | 644.57  | 711.32     | 10.36   | ppb   |
| Potassium  | 39-2  | 449.14  | 450.12  | 468.82  | 456.02     | 2.43    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.74    | -0.06      |         | ppb   |
| Selenium   | 78-2  | 1.48    | 0.18    | -0.25   | 0.47       | 190.63  | ppb   |
| Selenium   | 82-1  | -0.21   | 0.02    | 0.36    | 0.06       | 492.91  | ppb   |
| Silicon    | 28-1  | 963.63  | 965.76  | 954.94  | 961.44     | 0.60    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.57   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 35.37   | ppb   |
| Sodium     | 23-2  | 9383.07 | 9123.85 | 9394.23 | 9300.38    | 1.64    | ppb   |
| Strontium  | 86-1  | 18.43   | 18.55   | 18.41   | 18.47      | 0.40    | ppb   |
| Strontium  | 88-1  | 19.24   | 18.80   | 18.96   | 19.00      | 1.15    | ppb   |
| Sulfur     | 34-1  | 23.87   | 166.05  | 88.11   | 92.68      | 76.83   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.04    | 0.01    | 0.01    | 0.02       | 88.84   | ppb   |
| Titanium   | 47-1  | 0.36    | 0.20    | 0.38    | 0.31       | 32.13   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.03    | 0.02    | 0.03       | 28.17   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 197.63  | 196.75  | 203.37  | 199.25     | 1.80    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.02    | 0.02       | 29.68   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-03             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-03-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:36:22  | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.05    | 0.02    | 0.03       | 46.39   | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-04 Instrumnet Name : P8  
 Client Sample ID : DC20894-04-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:39:32 DataFile Name : 050SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 27.69   | 16.69   | 13.06   | 19.15      | 39.79   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.08    | 0.08       | 10.71   | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.20    | 0.16    | 0.22       | 33.84   | ppb   |
| Barium     | 135-1 | 19.76   | 18.89   | 19.12   | 19.25      | 2.34    | ppb   |
| Barium     | 137-1 | 19.70   | 18.67   | 19.29   | 19.22      | 2.70    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.06   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.09    | 3.83    | 3.83    | 3.92       | 3.92    | ppb   |
| Boron      | 11-1  | 3.92    | 4.04    | 4.13    | 4.03       | 2.64    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.19   | -0.18   | -0.16      |         | ppb   |
| Cadmium    | 106-1 | -1.57   | -2.45   | -2.19   | -2.07      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.03   | -0.14   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 4537.86 | 4482.62 | 4480.41 | 4500.30    | 0.72    | ppb   |
| Calcium    | 44-1  | 4624.34 | 4507.24 | 4626.50 | 4586.03    | 1.49    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.03   | 0.06    | 0.01       | 456.78  | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Copper     | 63-2  | 100.33  | 100.27  | 100.95  | 100.52     | 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  | 22.79   | 21.58   | 22.18   | 22.18      | 2.74    | ppb   |
| Iron       | 57-2  | 36.89   | 18.65   | 23.13   | 26.22      | 36.26   | ppb   |
| Lead       | 206-1 | 0.54    | 0.51    | 0.53    | 0.53       | 3.18    | ppb   |
| Lead       | 207-1 | 0.49    | 0.50    | 0.48    | 0.49       | 1.97    | ppb   |
| Lead       | 208-1 | 0.49    | 0.50    | 0.47    | 0.49       | 3.88    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1044.82 | 1045.64 | 1085.27 | 1058.58    | 2.18    | ppb   |
| Manganese  | 55-2  | 15.27   | 13.97   | 14.53   | 14.59      | 4.48    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-04             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-04-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:39:32  | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.02    | 0.01       | 42.20   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.01    | 0.00       | 375.52  | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.01    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.54    | 1.51    | 1.59    | 1.55       | 2.75    | ppb   |
| Phosphorus | 31-2  | 866.52  | 592.82  | 664.50  | 707.95     | 20.05   | ppb   |
| Potassium  | 39-2  | 445.75  | 443.63  | 457.73  | 449.03     | 1.69    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.75    | -0.06      |         | ppb   |
| Selenium   | 78-2  | -0.69   | 1.05    | 0.19    | 0.19       | 468.98  | ppb   |
| Selenium   | 82-1  | 0.03    | -0.11   | -0.02   | -0.03      |         | ppb   |
| Silicon    | 28-1  | 973.53  | 949.58  | 975.13  | 966.08     | 1.48    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 129.65  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 30.54   | ppb   |
| Sodium     | 23-2  | 9383.32 | 9312.21 | 9495.06 | 9396.86    | 0.98    | ppb   |
| Strontium  | 86-1  | 19.07   | 18.91   | 19.12   | 19.03      | 0.57    | ppb   |
| Strontium  | 88-1  | 19.23   | 19.34   | 19.21   | 19.26      | 0.36    | ppb   |
| Sulfur     | 34-1  | 288.06  | -3.00   | -53.20  | 77.29      | 238.40  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.31    | 0.33    | 0.39    | 0.35       | 12.20   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.02    | 0.03    | 0.03       | 40.56   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 31.28   | 33.11   | 31.39   | 31.93      | 3.22    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.04    | 0.03    | 0.03       | 32.53   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-04             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-04-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:39:32  | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.07    | 0.04       | 58.20   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-05 Instrumnet Name : P8  
 Client Sample ID : DC20894-05-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:42:40 DataFile Name : 051SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 21.79   | 18.36   | 11.99   | 17.38      | 28.63   | ppb   |
| Antimony   | 121-1 | 0.08    | 0.07    | 0.07    | 0.07       | 4.12    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.23    | 0.22    | 0.25       | 18.95   | ppb   |
| Barium     | 135-1 | 18.66   | 19.13   | 18.43   | 18.74      | 1.90    | ppb   |
| Barium     | 137-1 | 18.59   | 18.91   | 18.31   | 18.60      | 1.63    | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.70    | 4.28    | 3.85    | 3.94       | 7.75    | ppb   |
| Boron      | 11-1  | 4.11    | 4.18    | 3.98    | 4.09       | 2.41    | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.03   | -0.08   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -1.70   | -0.50   | -1.28   | -1.16      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.09   | 0.02    | -0.04      |         | ppb   |
| Calcium    | 43-1  | 4480.12 | 4512.25 | 4539.84 | 4510.74    | 0.66    | ppb   |
| Calcium    | 44-1  | 4577.27 | 4566.95 | 4661.24 | 4601.82    | 1.12    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.12   | -0.15   | -0.10      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Copper     | 63-2  | 130.13  | 137.37  | 131.27  | 132.92     | 2.93    | 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  | 12.41   | 13.41   | 11.81   | 12.54      | 6.45    | ppb   |
| Iron       | 57-2  | 11.44   | 13.61   | 12.58   | 12.54      | 8.66    | ppb   |
| Lead       | 206-1 | 1.08    | 1.11    | 1.06    | 1.08       | 2.50    | ppb   |
| Lead       | 207-1 | 0.95    | 1.05    | 1.04    | 1.01       | 5.56    | ppb   |
| Lead       | 208-1 | 1.05    | 1.10    | 1.08    | 1.08       | 2.52    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1058.94 | 1131.14 | 1065.46 | 1085.18    | 3.68    | ppb   |
| Manganese  | 55-2  | 9.29    | 9.74    | 9.38    | 9.47       | 2.52    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-05-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:42:40  | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.03    | 0.01    | 0.02       | 38.48   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.01    | 0.01       | 36.00   | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.02   | -0.05   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.77    | 5.29    | 5.14    | 5.07       | 5.30    | ppb   |
| Phosphorus | 31-2  | 514.88  | 670.69  | 615.77  | 600.44     | 13.16   | ppb   |
| Potassium  | 39-2  | 441.53  | 474.11  | 470.74  | 462.13     | 3.88    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.72    | -0.07      |         | ppb   |
| Selenium   | 78-2  | 0.15    | -0.21   | 0.60    | 0.18       | 225.63  | ppb   |
| Selenium   | 82-1  | -0.46   | -0.45   | 0.04    | -0.29      |         | ppb   |
| Silicon    | 28-1  | 949.23  | 967.00  | 956.17  | 957.47     | 0.94    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 59.34   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 32.45   | ppb   |
| Sodium     | 23-2  | 9385.96 | 9931.00 | 9320.57 | 9545.84    | 3.51    | ppb   |
| Strontium  | 86-1  | 19.03   | 18.59   | 19.52   | 19.05      | 2.45    | ppb   |
| Strontium  | 88-1  | 19.03   | 19.40   | 19.38   | 19.27      | 1.09    | ppb   |
| Sulfur     | 34-1  | -568.80 | -196.84 | -119.67 | -295.10    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.02   | 0.00    | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.27    | 0.34    | 0.30    | 0.30       | 11.65   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.03    | 0.03    | 0.02       | 57.63   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 243.65  | 255.00  | 244.48  | 247.71     | 2.55    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.03    | 0.03       | 20.59   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-05-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:42:40  | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.04    | 0.05    | 0.04       | 12.54   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:45:49 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.10    | 0.26    | -0.58   | 0.26       | 321.60  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 505.72  | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.03   | 0.01    | -0.02      |         | ppb   |
| Barium     | 135-1 | -0.09   | -0.09   | -0.08   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.07   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.03    | 0.51    | 0.90    | 0.81       | 33.27   | ppb   |
| Boron      | 11-1  | 0.62    | 0.96    | 0.66    | 0.75       | 24.81   | ppb   |
| Cadmium    | 111-1 | -0.16   | -0.13   | -0.09   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.79   | -1.65   | -0.83   | -1.42      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.11   | -0.05   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 20.54   | 14.64   | 6.80    | 13.99      | 49.26   | ppb   |
| Calcium    | 44-1  | 12.77   | 11.18   | 7.10    | 10.35      | 28.27   | ppb   |
| Chromium   | 52-2  | -0.11   | 0.00    | -0.10   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.05   | -0.04   | -0.02   | -0.04      |         | 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  | 0.24    | 0.24    | 0.61    | 0.36       | 59.07   | ppb   |
| Iron       | 57-2  | -0.19   | -0.64   | -0.17   | -0.33      |         | ppb   |
| Lead       | 206-1 | 491.53  | 487.30  | 488.79  | 489.21     | 0.44    | ppb   |
| Lead       | 207-1 | 490.89  | 495.70  | 489.53  | 492.04     | 0.66    | ppb   |
| Lead       | 208-1 | 489.26  | 494.16  | 497.30  | 493.58     | 0.82    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.78   | -0.94   | -0.26   | -0.66      |         | ppb   |
| Manganese  | 55-2  | -0.02   | -0.05   | -0.11   | -0.06      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:45:49 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.15   | -0.13   | -0.16   | -0.15      |         | ppb   |
| Phosphorus | 31-2  | -22.44  | 1.99    | -10.21  | -10.22     |         | ppb   |
| Potassium  | 39-2  | 2.66    | -9.80   | -8.96   | -5.37      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.65   | 0.27    | -0.65   | -0.34      |         | ppb   |
| Selenium   | 82-1  | 0.13    | 0.39    | 0.11    | 0.21       | 74.75   | ppb   |
| Silicon    | 28-1  | -12.58  | -14.72  | -16.14  | -14.48     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 173.44  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 132.42  | ppb   |
| Sodium     | 23-2  | 2.37    | 6.33    | 10.21   | 6.30       | 62.26   | ppb   |
| Strontium  | 86-1  | 0.09    | -0.01   | 0.04    | 0.04       | 114.95  | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -250.72 | -374.27 | -539.65 | -388.21    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Tin        | 118-1 | 0.32    | 0.35    | 0.26    | 0.31       | 14.85   | ppb   |
| Titanium   | 47-1  | 0.01    | 0.03    | 0.01    | 0.02       | 73.35   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.18   | -0.05   | -0.08   | -0.10      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:45:49 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.00    | 0.01       | 64.73   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:48:59 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.59    | 2.83    | 1.06    | 2.49       | 52.02   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.00    | 0.00       | 143.26  | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.09   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.04   | 0.58    | -0.01   | 0.17       | 200.85  | ppb   |
| Boron      | 11-1  | 0.45    | 0.58    | 0.46    | 0.50       | 14.80   | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.08   | -0.20   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -1.51   | -0.73   | -2.45   | -1.56      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | -0.11   | -0.11   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 17.98   | 20.66   | 10.66   | 16.43      | 31.52   | ppb   |
| Calcium    | 44-1  | 5.51    | 11.36   | 8.31    | 8.39       | 34.91   | ppb   |
| Chromium   | 52-2  | 0.02    | -0.11   | -0.11   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.06   | -0.04   | -0.08   | -0.06      |         | 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  | -0.06   | 0.47    | -0.05   | 0.12       | 248.72  | ppb   |
| Iron       | 57-2  | 1.40    | -0.84   | -1.86   | -0.43      |         | ppb   |
| Lead       | 206-1 | -0.04   | -0.04   | -0.01   | -0.03      |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.29   | -0.41   | -0.99   | -0.90      |         | ppb   |
| Manganese  | 55-2  | -0.05   | -0.08   | -0.04   | -0.06      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:48:59 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.03   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.07   | -0.04   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.18   | -0.16   | -0.19   | -0.17      |         | ppb   |
| Phosphorus | 31-2  | 38.04   | 2.28    | -10.55  | 9.93       | 253.68  | ppb   |
| Potassium  | 39-2  | -22.78  | -9.26   | -21.15  | -17.73     |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.65   | -0.20   | -0.20   | -0.35      |         | ppb   |
| Selenium   | 82-1  | 0.25    | -0.60   | -0.80   | -0.38      |         | ppb   |
| Silicon    | 28-1  | -17.61  | -10.31  | -14.97  | -14.30     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 1.79    | 5.44    | -0.16   | 2.35       | 120.74  | ppb   |
| Strontium  | 86-1  | 0.04    | 0.02    | -0.02   | 0.01       | 299.61  | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -641.57 | -23.00  | -391.61 | -352.06    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.05   | -0.04   | -0.03      |         | ppb   |
| Titanium   | 47-1  | -0.01   | 0.07    | 0.00    | 0.02       | 227.58  | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.36   | -0.34   | -0.41   | -0.37      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:48:59 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.00    | 0.00       | 235.79  | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-06 Instrumnet Name : P8  
 Client Sample ID : DC20894-06-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:52:09 DataFile Name : 054SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 33.02   | 28.74   | 28.43   | 30.06      | 8.54    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.06    | 0.07       | 11.69   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.20    | 0.23    | 0.23       | 18.21   | ppb   |
| Barium     | 135-1 | 22.36   | 22.01   | 23.12   | 22.49      | 2.52    | ppb   |
| Barium     | 137-1 | 22.36   | 22.20   | 21.77   | 22.11      | 1.39    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.54    | 3.79    | 4.61    | 3.98       | 14.07   | ppb   |
| Boron      | 11-1  | 4.37    | 5.08    | 4.97    | 4.81       | 7.96    | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.07   | -0.16   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.73   | -0.68   | -1.99   | -1.47      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | 0.00    | 0.00    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 4443.96 | 4556.41 | 4539.56 | 4513.31    | 1.34    | ppb   |
| Calcium    | 44-1  | 4570.33 | 4630.30 | 4565.47 | 4588.70    | 0.79    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.08   | 0.00    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 94.70   | 95.47   | 97.19   | 95.79      | 1.34    | 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  | 18.92   | 19.35   | 19.67   | 19.32      | 1.97    | ppb   |
| Iron       | 57-2  | 13.15   | 22.36   | 16.57   | 17.36      | 26.82   | ppb   |
| Lead       | 206-1 | 1.65    | 1.67    | 1.68    | 1.66       | 0.98    | ppb   |
| Lead       | 207-1 | 1.57    | 1.58    | 1.50    | 1.55       | 2.86    | ppb   |
| Lead       | 208-1 | 1.61    | 1.62    | 1.62    | 1.62       | 0.39    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1002.58 | 1056.63 | 1026.16 | 1028.46    | 2.63    | ppb   |
| Manganese  | 55-2  | 10.33   | 9.82    | 10.57   | 10.24      | 3.71    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-06             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-06-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:52:09  | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.01    | 0.01       | 47.75   | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.02    | 0.00    | 0.01       | 306.68  | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.00    | 0.00       | 235.28  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 5.02    | 4.77    | 5.28    | 5.02       | 5.03    | ppb   |
| Phosphorus | 31-2  | 612.65  | 667.61  | 714.24  | 664.83     | 7.65    | ppb   |
| Potassium  | 39-2  | 454.31  | 471.65  | 477.42  | 467.79     | 2.57    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.72    | -0.07      |         | ppb   |
| Selenium   | 78-2  | -0.68   | -0.68   | -0.68   | -0.68      |         | ppb   |
| Selenium   | 82-1  | 0.04    | 0.51    | -0.05   | 0.17       | 179.40  | ppb   |
| Silicon    | 28-1  | 950.37  | 975.72  | 977.42  | 967.84     | 1.57    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 148.44  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 18.11   | ppb   |
| Sodium     | 23-2  | 9371.81 | 9422.30 | 9614.30 | 9469.47    | 1.35    | ppb   |
| Strontium  | 86-1  | 19.69   | 19.93   | 19.49   | 19.70      | 1.13    | ppb   |
| Strontium  | 88-1  | 19.75   | 20.03   | 19.99   | 19.92      | 0.76    | ppb   |
| Sulfur     | 34-1  | -273.25 | 187.46  | 54.18   | -10.54     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.34    | 0.27    | 0.29    | 0.30       | 10.56   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.02    | 0.05    | 0.04       | 38.67   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 44.34   | 46.45   | 47.21   | 46.00      | 3.22    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 13.18   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-06             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-06-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:52:09  | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.04    | 0.04       | 14.25   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-07 Instrumnet Name : P8  
 Client Sample ID : DC20894-07-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:55:19 DataFile Name : 055SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 121.19  | 101.65  | 87.55   | 103.46     | 16.33   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.06    | 0.06    | 0.06       | 9.79    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.30    | 0.24    | 0.25       | 17.13   | ppb   |
| Barium     | 135-1 | 19.00   | 19.68   | 19.85   | 19.51      | 2.32    | ppb   |
| Barium     | 137-1 | 19.13   | 19.75   | 19.69   | 19.52      | 1.75    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.05   | -0.05   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.91    | 4.76    | 4.35    | 4.34       | 9.72    | ppb   |
| Boron      | 11-1  | 4.02    | 4.60    | 4.68    | 4.43       | 8.11    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.11   | -0.14   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.30   | -1.22   | -1.66   | -1.40      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | 0.00    | -0.06   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 4501.36 | 4714.52 | 4458.72 | 4558.20    | 3.01    | ppb   |
| Calcium    | 44-1  | 4607.34 | 4852.67 | 4516.78 | 4658.93    | 3.73    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.04   | 0.01    | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 62.87   | 62.43   | 61.90   | 62.40      | 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  | 21.76   | 20.45   | 20.23   | 20.81      | 3.97    | ppb   |
| Iron       | 57-2  | 18.02   | 20.33   | 21.06   | 19.80      | 8.02    | ppb   |
| Lead       | 206-1 | 0.34    | 0.37    | 0.32    | 0.34       | 7.87    | ppb   |
| Lead       | 207-1 | 0.30    | 0.31    | 0.36    | 0.32       | 9.18    | ppb   |
| Lead       | 208-1 | 0.31    | 0.34    | 0.32    | 0.32       | 4.51    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1016.88 | 1020.62 | 1000.09 | 1012.53    | 1.08    | ppb   |
| Manganese  | 55-2  | 12.95   | 12.99   | 12.77   | 12.90      | 0.90    | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-07 Instrumnet Name : P8  
 Client Sample ID : DC20894-07-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:55:19 DataFile Name : 055SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.02    | 0.02       | 10.36   | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.01    | 0.01    | 0.00       | 569.37  | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.54    | 0.58    | 0.66    | 0.59       | 9.87    | ppb   |
| Phosphorus | 31-2  | 670.99  | 652.92  | 528.82  | 617.58     | 12.53   | ppb   |
| Potassium  | 39-2  | 419.37  | 430.59  | 423.46  | 424.47     | 1.34    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.69    | 1.71    | 0.81       | 188.71  | ppb   |
| Selenium   | 78-2  | -0.26   | -1.11   | -0.26   | -0.54      |         | ppb   |
| Selenium   | 82-1  | -0.57   | 0.02    | -0.04   | -0.19      |         | ppb   |
| Silicon    | 28-1  | 981.53  | 1041.42 | 971.59  | 998.18     | 3.78    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 20.87   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 9.02    | ppb   |
| Sodium     | 23-2  | 9140.19 | 9034.54 | 9041.51 | 9072.08    | 0.65    | ppb   |
| Strontium  | 86-1  | 19.17   | 20.50   | 18.83   | 19.50      | 4.52    | ppb   |
| Strontium  | 88-1  | 19.19   | 20.23   | 19.17   | 19.53      | 3.11    | ppb   |
| Sulfur     | 34-1  | -267.34 | 853.25  | -1.78   | 194.71     | 300.74  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.12    | 0.13    | 0.13    | 0.13       | 5.02    | ppb   |
| Titanium   | 47-1  | 0.34    | 0.36    | 0.30    | 0.33       | 9.44    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.04    | 0.02    | 0.04       | 51.89   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 167.19  | 166.62  | 165.51  | 166.44     | 0.51    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.04    | 0.03    | 0.03       | 28.89   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-07              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-07-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:55:19   | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.03    | 0.03       | 17.47   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-08 Instrumnet Name : P8  
 Client Sample ID : DC20894-08-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:58:29 DataFile Name : 056SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 106.51  | 96.76   | 120.60  | 107.95     | 11.10   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.07    | 0.06    | 0.06       | 15.78   | ppb   |
| Arsenic    | 75-2  | 0.36    | 0.21    | 0.15    | 0.24       | 43.31   | ppb   |
| Barium     | 135-1 | 19.57   | 18.61   | 19.29   | 19.16      | 2.57    | ppb   |
| Barium     | 137-1 | 19.42   | 19.17   | 19.17   | 19.25      | 0.77    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.45    | 4.75    | 3.91    | 4.37       | 9.68    | ppb   |
| Boron      | 11-1  | 4.45    | 4.64    | 4.91    | 4.67       | 4.89    | ppb   |
| Cadmium    | 111-1 | -0.21   | -0.09   | -0.09   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -2.58   | -0.98   | -0.98   | -1.51      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | 0.00    | -0.14   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 4368.50 | 4322.69 | 4404.27 | 4365.15    | 0.94    | ppb   |
| Calcium    | 44-1  | 4521.11 | 4476.16 | 4487.72 | 4495.00    | 0.52    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.03   | -0.06   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.03   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 70.28   | 71.09   | 70.79   | 70.72      | 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  | 19.07   | 20.54   | 21.54   | 20.38      | 6.10    | ppb   |
| Iron       | 57-2  | 34.90   | 25.32   | 20.87   | 27.03      | 26.52   | ppb   |
| Lead       | 206-1 | 0.28    | 0.25    | 0.27    | 0.27       | 6.78    | ppb   |
| Lead       | 207-1 | 0.26    | 0.28    | 0.26    | 0.27       | 3.61    | ppb   |
| Lead       | 208-1 | 0.26    | 0.27    | 0.27    | 0.27       | 2.90    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1001.03 | 1030.55 | 1058.82 | 1030.13    | 2.81    | ppb   |
| Manganese  | 55-2  | 11.66   | 12.37   | 12.67   | 12.23      | 4.23    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-08 Instrumnet Name : P8  
 Client Sample ID : DC20894-08-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:58:29 DataFile Name : 056SMPL.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   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.00    | 0.01       | 113.19  | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.24    | 0.29    | 0.24    | 0.25       | 10.47   | ppb   |
| Phosphorus | 31-2  | 664.52  | 683.85  | 674.13  | 674.17     | 1.43    | ppb   |
| Potassium  | 39-2  | 444.80  | 483.62  | 453.78  | 460.73     | 4.41    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.25   | 0.58    | 0.60    | 0.31       | 157.62  | ppb   |
| Selenium   | 82-1  | 0.28    | 0.37    | 0.15    | 0.27       | 42.53   | ppb   |
| Silicon    | 28-1  | 996.58  | 956.97  | 1051.17 | 1001.57    | 4.72    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 35.68   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 37.66   | ppb   |
| Sodium     | 23-2  | 9137.89 | 9169.21 | 9223.88 | 9176.99    | 0.47    | ppb   |
| Strontium  | 86-1  | 18.93   | 18.70   | 19.14   | 18.92      | 1.15    | ppb   |
| Strontium  | 88-1  | 19.26   | 19.10   | 19.17   | 19.18      | 0.41    | ppb   |
| Sulfur     | 34-1  | -185.04 | -371.23 | -196.31 | -250.86    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | 0.04    | 0.01    | 0.02    | 0.02       | 66.48   | ppb   |
| Titanium   | 47-1  | 0.42    | 0.36    | 0.26    | 0.35       | 23.90   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.04    | 0.06    | 0.05       | 25.87   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 34.61   | 36.05   | 36.79   | 35.82      | 3.10    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.02    | 0.03    | 0.03       | 20.57   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-08              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-08-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:58:29   | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.03    | 0.04       | 19.43   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-09 Instrumnet Name : P8  
 Client Sample ID : DC20894-09-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:01:40 DataFile Name : 057SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 49.64   | 52.52   | 54.29   | 52.15      | 4.50    | ppb   |
| Antimony   | 121-1 | 0.08    | 0.06    | 0.10    | 0.08       | 21.87   | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.08    | 0.30    | 0.20       | 56.72   | ppb   |
| Barium     | 135-1 | 19.64   | 18.40   | 18.96   | 19.00      | 3.26    | ppb   |
| Barium     | 137-1 | 19.12   | 18.54   | 18.60   | 18.76      | 1.69    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.66    | 3.47    | 4.32    | 4.15       | 14.76   | ppb   |
| Boron      | 11-1  | 4.07    | 4.48    | 4.23    | 4.26       | 4.79    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.09   | -0.15   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.19   | -1.06   | -1.71   | -1.32      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.03   | 0.03    | 0.00       |         | ppb   |
| Calcium    | 43-1  | 4428.67 | 4506.34 | 4343.48 | 4426.16    | 1.84    | ppb   |
| Calcium    | 44-1  | 4503.46 | 4544.19 | 4505.74 | 4517.80    | 0.51    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.04   | -0.01   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 48.20   | 48.20   | 47.94   | 48.11      | 0.31    | 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  | 22.64   | 23.57   | 27.30   | 24.50      | 10.07   | ppb   |
| Iron       | 57-2  | 21.89   | 20.61   | 26.84   | 23.11      | 14.23   | ppb   |
| Lead       | 206-1 | 0.22    | 0.27    | 0.22    | 0.24       | 11.74   | ppb   |
| Lead       | 207-1 | 0.22    | 0.17    | 0.20    | 0.20       | 12.86   | ppb   |
| Lead       | 208-1 | 0.22    | 0.22    | 0.21    | 0.21       | 3.40    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1033.61 | 1040.61 | 1029.96 | 1034.73    | 0.52    | ppb   |
| Manganese  | 55-2  | 14.24   | 14.64   | 14.29   | 14.39      | 1.51    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-09 Instrumnet Name : P8  
 Client Sample ID : DC20894-09-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:01:40 DataFile Name : 057SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.00    | 0.01       | 148.26  | ppb   |
| Molybdenum | 95-1  | -0.02   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.02    | 0.00    | 0.01       | 139.21  | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.06   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.82    | 0.86    | 0.98    | 0.89       | 9.18    | ppb   |
| Phosphorus | 31-2  | 512.82  | 541.10  | 569.13  | 541.02     | 5.20    | ppb   |
| Potassium  | 39-2  | 436.02  | 439.50  | 442.24  | 439.25     | 0.71    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.73    | -0.96   | -0.06      |         | ppb   |
| Selenium   | 78-2  | 1.01    | 0.18    | -1.11   | 0.03       | 3846.97 | ppb   |
| Selenium   | 82-1  | -0.05   | -0.41   | 0.74    | 0.09       | 628.67  | ppb   |
| Silicon    | 28-1  | 992.21  | 980.58  | 962.47  | 978.42     | 1.53    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 58.82   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 77.03   | ppb   |
| Sodium     | 23-2  | 9161.16 | 9320.09 | 9256.31 | 9245.85    | 0.87    | ppb   |
| Strontium  | 86-1  | 18.66   | 19.25   | 18.60   | 18.84      | 1.91    | ppb   |
| Strontium  | 88-1  | 18.94   | 19.06   | 18.87   | 18.96      | 0.49    | ppb   |
| Sulfur     | 34-1  | -124.10 | 239.10  | -115.29 | -0.10      |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.00    | -0.02   | -0.05   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.25    | 0.24    | 0.22    | 0.24       | 5.27    | ppb   |
| Uranium    | 238-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.05    | 0.05    | 0.04       | 11.84   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 197.07  | 199.35  | 196.12  | 197.52     | 0.84    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.02    | 0.03       | 9.10    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-09              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-09-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:01:40   | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.06    | 0.03    | 0.05       | 29.55   | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-10 Instrumnet Name : P8  
 Client Sample ID : DC20894-10-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:04:48 DataFile Name : 058SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 44.91   | 41.40   | 41.44   | 42.58      | 4.73    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.04    | 0.04       | 15.58   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.24    | 0.20    | 0.23       | 10.94   | ppb   |
| Barium     | 135-1 | 17.93   | 18.34   | 18.40   | 18.22      | 1.40    | ppb   |
| Barium     | 137-1 | 18.86   | 18.10   | 18.83   | 18.60      | 2.33    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.00    | 4.63    | 3.34    | 3.99       | 16.14   | ppb   |
| Boron      | 11-1  | 4.02    | 3.76    | 4.32    | 4.03       | 6.94    | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.18   | -0.19   | -0.17      |         | ppb   |
| Cadmium    | 106-1 | -1.67   | -2.29   | -2.25   | -2.07      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.14   | -0.06   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4499.82 | 4543.21 | 4417.45 | 4486.83    | 1.42    | ppb   |
| Calcium    | 44-1  | 4520.13 | 4517.73 | 4587.03 | 4541.63    | 0.87    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.06   | -0.04   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Copper     | 63-2  | 46.19   | 45.63   | 46.93   | 46.25      | 1.42    | 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  | 24.12   | 25.74   | 26.61   | 25.49      | 4.96    | ppb   |
| Iron       | 57-2  | 27.50   | 24.65   | 22.15   | 24.77      | 10.81   | ppb   |
| Lead       | 206-1 | 0.15    | 0.15    | 0.14    | 0.15       | 3.72    | ppb   |
| Lead       | 207-1 | 0.13    | 0.12    | 0.11    | 0.12       | 7.99    | ppb   |
| Lead       | 208-1 | 0.14    | 0.14    | 0.13    | 0.14       | 4.10    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1029.30 | 1032.98 | 1057.01 | 1039.76    | 1.45    | ppb   |
| Manganese  | 55-2  | 14.25   | 14.31   | 14.82   | 14.46      | 2.15    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-10 Instrumnet Name : P8  
 Client Sample ID : DC20894-10-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:04:48 DataFile Name : 058SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.39    | 0.01    | 0.01    | 0.14       | 159.26  | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.01    | -0.01   | 0.01       | 304.20  | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.00    | 0.00       | 286.40  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.15    | 0.07    | 0.15    | 0.13       | 36.22   | ppb   |
| Phosphorus | 31-2  | 603.54  | 733.43  | 472.27  | 603.08     | 21.65   | ppb   |
| Potassium  | 39-2  | 426.84  | 447.07  | 454.06  | 442.66     | 3.19    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.68    | -0.96   | -0.08      |         | ppb   |
| Selenium   | 78-2  | 0.17    | -0.69   | -0.23   | -0.25      |         | ppb   |
| Selenium   | 82-1  | -0.34   | -0.94   | 0.34    | -0.31      |         | ppb   |
| Silicon    | 28-1  | 964.26  | 985.61  | 979.36  | 976.41     | 1.12    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.01       | 42.34   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.01       | 59.56   | ppb   |
| Sodium     | 23-2  | 9290.49 | 9213.75 | 9410.40 | 9304.88    | 1.07    | ppb   |
| Strontium  | 86-1  | 18.43   | 18.93   | 18.40   | 18.59      | 1.58    | ppb   |
| Strontium  | 88-1  | 18.77   | 18.89   | 18.73   | 18.80      | 0.43    | ppb   |
| Sulfur     | 34-1  | -96.71  | 139.35  | 162.89  | 68.51      | 209.55  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.02   | -0.02   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.30    | 0.68    | 0.39    | 0.45       | 43.83   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.03    | 0.01    | 0.02       | 55.60   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 30.76   | 29.79   | 30.32   | 30.29      | 1.59    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.04    | 0.02    | 0.03       | 39.92   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-10              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-10-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:04:48   | DataFile Name :   | 058SMPL.d |

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

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-11 Instrumnet Name : P8  
 Client Sample ID : DC20894-11-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:07:56 DataFile Name : 059SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.78   | 17.71   | 19.61   | 19.03      | 6.03    | ppb   |
| Antimony   | 121-1 | 0.08    | 0.08    | 0.09    | 0.08       | 8.58    | ppb   |
| Arsenic    | 75-2  | 0.38    | 0.19    | 0.24    | 0.27       | 35.26   | ppb   |
| Barium     | 135-1 | 24.60   | 20.77   | 20.60   | 21.99      | 10.29   | ppb   |
| Barium     | 137-1 | 24.32   | 20.84   | 19.90   | 21.68      | 10.73   | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.05   | -0.07   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.04    | 3.89    | 3.30    | 4.08       | 21.69   | ppb   |
| Boron      | 11-1  | 5.11    | 3.70    | 4.28    | 4.36       | 16.28   | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.12   | -0.08   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.31   | -1.53   | -1.26   | -1.37      |         | ppb   |
| Cadmium    | 108-1 | 0.12    | 0.00    | -0.03   | 0.03       | 248.77  | ppb   |
| Calcium    | 43-1  | 5524.38 | 4486.20 | 4427.97 | 4812.85    | 12.82   | ppb   |
| Calcium    | 44-1  | 5622.83 | 4620.68 | 4536.46 | 4926.66    | 12.27   | ppb   |
| Chromium   | 52-2  | -0.07   | -0.05   | 0.02    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Copper     | 63-2  | 112.09  | 115.00  | 112.61  | 113.23     | 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  | 18.04   | 21.71   | 17.83   | 19.19      | 11.38   | ppb   |
| Iron       | 57-2  | 18.81   | 15.21   | 15.18   | 16.40      | 12.72   | ppb   |
| Lead       | 206-1 | 1.96    | 1.62    | 1.71    | 1.76       | 9.72    | ppb   |
| Lead       | 207-1 | 1.82    | 1.54    | 1.60    | 1.65       | 9.05    | ppb   |
| Lead       | 208-1 | 1.91    | 1.58    | 1.63    | 1.71       | 10.32   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1017.30 | 1038.43 | 1029.64 | 1028.46    | 1.03    | ppb   |
| Manganese  | 55-2  | 12.87   | 12.95   | 12.49   | 12.77      | 1.94    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-11              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-11-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:07:56   | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.00    | 0.01    | 0.01       | 55.90   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.00    | 0.01    | 0.01       | 106.56  | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.01    | -0.01   | 0.01       | 198.97  | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | -0.01   | 0.00    | 0.00       | 1724.27 | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.92    | 2.06    | 2.05    | 2.01       | 3.85    | ppb   |
| Phosphorus | 31-2  | 841.25  | 439.19  | 631.07  | 637.17     | 31.56   | ppb   |
| Potassium  | 39-2  | 455.30  | 456.40  | 456.02  | 455.90     | 0.12    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.26   | -0.68   | 0.61    | -0.11      |         | ppb   |
| Selenium   | 82-1  | 0.66    | -0.58   | -0.25   | -0.05      |         | ppb   |
| Silicon    | 28-1  | 1213.55 | 985.98  | 945.17  | 1048.23    | 13.80   | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 29.37   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 15.29   | ppb   |
| Sodium     | 23-2  | 9247.01 | 9344.31 | 9068.08 | 9219.80    | 1.52    | ppb   |
| Strontium  | 86-1  | 22.78   | 19.63   | 19.47   | 20.63      | 9.06    | ppb   |
| Strontium  | 88-1  | 23.16   | 19.27   | 19.42   | 20.62      | 10.70   | ppb   |
| Sulfur     | 34-1  | 3203.50 | 418.69  | 122.37  | 1248.19    | 136.18  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.48    | 0.29    | 0.35    | 0.37       | 24.87   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.01    | 0.02    | 0.02       | 88.12   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 145.35  | 146.06  | 142.96  | 144.79     | 1.12    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.02    | 0.03    | 0.03       | 33.24   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-11              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-11-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:07:56   | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.04    | 0.03    | 0.04       | 27.75   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-12 Instrumnet Name : P8  
 Client Sample ID : DC20894-12-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:11:06 DataFile Name : 060SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.70   | 9.43    | 16.63   | 12.58      | 29.26   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.06    | 0.06       | 11.83   | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.21    | 0.22    | 0.25       | 20.35   | ppb   |
| Barium     | 135-1 | 18.30   | 18.31   | 18.63   | 18.41      | 1.02    | ppb   |
| Barium     | 137-1 | 18.09   | 18.08   | 18.39   | 18.18      | 0.96    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.82    | 3.13    | 5.01    | 3.65       | 32.57   | ppb   |
| Boron      | 11-1  | 3.55    | 3.88    | 3.81    | 3.75       | 4.61    | ppb   |
| Cadmium    | 111-1 | -0.21   | -0.12   | -0.14   | -0.16      |         | ppb   |
| Cadmium    | 106-1 | -2.51   | -1.21   | -1.54   | -1.75      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | -0.11   | 0.08    | -0.04      |         | ppb   |
| Calcium    | 43-1  | 4497.19 | 4372.82 | 4423.38 | 4431.13    | 1.41    | ppb   |
| Calcium    | 44-1  | 4520.04 | 4548.14 | 4487.28 | 4518.49    | 0.67    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.05   | 0.06    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Copper     | 63-2  | 47.49   | 47.23   | 50.23   | 48.32      | 3.43    | 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  | 19.33   | 19.71   | 20.94   | 20.00      | 4.20    | ppb   |
| Iron       | 57-2  | 20.04   | 23.09   | 16.69   | 19.94      | 16.06   | ppb   |
| Lead       | 206-1 | 0.07    | 0.12    | 0.10    | 0.10       | 26.58   | ppb   |
| Lead       | 207-1 | 0.10    | 0.05    | 0.06    | 0.07       | 39.94   | ppb   |
| Lead       | 208-1 | 0.07    | 0.08    | 0.07    | 0.08       | 7.39    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 988.29  | 1012.75 | 1064.99 | 1022.01    | 3.83    | ppb   |
| Manganese  | 55-2  | 10.18   | 10.53   | 10.32   | 10.34      | 1.68    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-12              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-12-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:11:06   | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.01    | 0.01       | 21.14   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.03    | -0.01   | 0.00       | 434.13  | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.01    | 0.00    | 0.00       | 1397.56 | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.08    | 0.07    | 0.13    | 0.09       | 34.76   | ppb   |
| Phosphorus | 31-2  | 656.76  | 770.60  | 536.39  | 654.58     | 17.89   | ppb   |
| Potassium  | 39-2  | 438.87  | 412.63  | 454.89  | 435.46     | 4.90    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 1.00    | -1.11   | -0.67   | -0.26      |         | ppb   |
| Selenium   | 82-1  | 0.12    | -0.66   | -0.28   | -0.28      |         | ppb   |
| Silicon    | 28-1  | 964.45  | 962.76  | 951.69  | 959.64     | 0.72    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 23.74   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.01       | 48.47   | ppb   |
| Sodium     | 23-2  | 8995.47 | 9069.58 | 9487.94 | 9184.33    | 2.89    | ppb   |
| Strontium  | 86-1  | 19.17   | 18.70   | 18.63   | 18.83      | 1.58    | ppb   |
| Strontium  | 88-1  | 19.14   | 18.74   | 18.86   | 18.91      | 1.10    | ppb   |
| Sulfur     | 34-1  | 247.18  | 204.20  | 116.90  | 189.43     | 35.04   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.06   | -0.04   | -0.07   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.28    | 0.27    | 0.26    | 0.27       | 3.80    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.04    | 0.04    | 0.03       | 28.22   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 7.17    | 7.77    | 8.15    | 7.70       | 6.41    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.03    | 0.02       | 35.85   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-12              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-12-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:11:06   | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.01    | 0.02       | 47.62   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-13 Instrumnet Name : P8  
 Client Sample ID : DC20894-13-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:14:13 DataFile Name : 061SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 40.73   | 56.10   | 37.55   | 44.79      | 22.14   | ppb   |
| Antimony   | 121-1 | 0.10    | 0.06    | 0.10    | 0.09       | 25.48   | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.16    | 0.25    | 0.24       | 32.46   | ppb   |
| Barium     | 135-1 | 19.72   | 19.79   | 18.96   | 19.49      | 2.35    | ppb   |
| Barium     | 137-1 | 19.30   | 19.42   | 18.98   | 19.23      | 1.16    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.50    | 4.28    | 5.35    | 4.71       | 11.92   | ppb   |
| Boron      | 11-1  | 4.36    | 4.47    | 4.08    | 4.31       | 4.63    | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.14   | -0.11   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.09   | -1.72   | -1.27   | -1.36      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | 0.00    | -0.03   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 4555.27 | 4404.85 | 4528.09 | 4496.07    | 1.78    | ppb   |
| Calcium    | 44-1  | 4691.03 | 4604.91 | 4680.59 | 4658.84    | 1.01    | ppb   |
| Chromium   | 52-2  | 0.02    | -0.10   | -0.05   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Copper     | 63-2  | 187.84  | 193.81  | 182.52  | 188.05     | 3.00    | 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  | 24.98   | 25.76   | 22.85   | 24.53      | 6.14    | ppb   |
| Iron       | 57-2  | 26.88   | 33.89   | 21.58   | 27.45      | 22.48   | ppb   |
| Lead       | 206-1 | 1.32    | 1.40    | 1.30    | 1.34       | 3.88    | ppb   |
| Lead       | 207-1 | 1.26    | 1.14    | 1.10    | 1.17       | 7.34    | ppb   |
| Lead       | 208-1 | 1.25    | 1.25    | 1.23    | 1.24       | 1.20    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1046.54 | 1099.92 | 1040.14 | 1062.20    | 3.09    | ppb   |
| Manganese  | 55-2  | 12.85   | 13.54   | 12.42   | 12.93      | 4.36    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-13              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-13-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:14:13   | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 22.13   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.02    | 0.01       | 153.93  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.00    | 0.00       | 259.66  | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.03   | -0.01   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.54    | 0.51    | 0.43    | 0.50       | 11.11   | ppb   |
| Phosphorus | 31-2  | 678.95  | 588.59  | 663.75  | 643.76     | 7.52    | ppb   |
| Potassium  | 39-2  | 434.10  | 463.53  | 409.92  | 435.85     | 6.16    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.71    | -0.07      |         | ppb   |
| Selenium   | 78-2  | 1.03    | -1.11   | -1.11   | -0.40      |         | ppb   |
| Selenium   | 82-1  | 0.35    | 0.34    | 1.17    | 0.62       | 76.58   | ppb   |
| Silicon    | 28-1  | 950.96  | 930.04  | 955.86  | 945.62     | 1.45    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 50.54   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.01       | 79.56   | ppb   |
| Sodium     | 23-2  | 9278.90 | 9715.46 | 9109.71 | 9368.03    | 3.34    | ppb   |
| Strontium  | 86-1  | 20.05   | 19.35   | 19.54   | 19.65      | 1.84    | ppb   |
| Strontium  | 88-1  | 20.23   | 19.83   | 19.94   | 20.00      | 1.02    | ppb   |
| Sulfur     | 34-1  | 46.84   | -216.94 | 58.56   | -37.18     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.07    | 0.05    | 0.04    | 0.06       | 29.78   | ppb   |
| Titanium   | 47-1  | 0.36    | 0.41    | 0.34    | 0.37       | 9.98    | ppb   |
| Uranium    | 238-1 | -0.04   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.02    | 0.02    | 0.02       | 23.54   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 401.34  | 420.48  | 393.01  | 404.94     | 3.48    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 0.40    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-13              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-13-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:14:13   | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.03    | 0.03       | 4.97    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-14 Instrumnet Name : P8  
 Client Sample ID : DC20894-14-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:17:22 DataFile Name : 062SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.78   | 10.33   | 18.97   | 13.70      | 33.79   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.05    | 0.06       | 10.57   | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.23    | 0.22    | 0.24       | 8.95    | ppb   |
| Barium     | 135-1 | 18.92   | 17.94   | 19.02   | 18.62      | 3.19    | ppb   |
| Barium     | 137-1 | 18.60   | 18.73   | 18.36   | 18.57      | 1.00    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.34    | 4.11    | 2.81    | 3.42       | 19.12   | ppb   |
| Boron      | 11-1  | 3.81    | 4.19    | 3.89    | 3.96       | 5.11    | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.12   | -0.08   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.24   | -1.45   | -0.69   | -1.13      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.06   | -0.06   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 4514.23 | 4503.56 | 4440.40 | 4486.06    | 0.89    | ppb   |
| Calcium    | 44-1  | 4678.84 | 4516.70 | 4540.80 | 4578.78    | 1.91    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.03   | 0.06    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 53.17   | 52.66   | 53.27   | 53.03      | 0.61    | 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  | 22.74   | 22.85   | 23.41   | 23.00      | 1.56    | ppb   |
| Iron       | 57-2  | 19.99   | 24.52   | 27.63   | 24.05      | 15.97   | ppb   |
| Lead       | 206-1 | 0.15    | 0.08    | 0.12    | 0.11       | 31.79   | ppb   |
| Lead       | 207-1 | 0.08    | 0.11    | 0.12    | 0.10       | 22.02   | ppb   |
| Lead       | 208-1 | 0.11    | 0.10    | 0.11    | 0.11       | 5.15    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1029.55 | 1040.50 | 1032.24 | 1034.10    | 0.55    | ppb   |
| Manganese  | 55-2  | 10.87   | 11.18   | 10.68   | 10.91      | 2.30    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-14 Instrumnet Name : P8  
 Client Sample ID : DC20894-14-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:17:22 DataFile Name : 062SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.02    | 0.00    | 0.01       | 234.51  | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.00    | 0.01    | 0.01       | 149.72  | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.04   | -0.01   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.09    | 0.13    | 0.16    | 0.12       | 27.82   | ppb   |
| Phosphorus | 31-2  | 706.34  | 724.26  | 499.71  | 643.44     | 19.39   | ppb   |
| Potassium  | 39-2  | 456.44  | 442.42  | 458.26  | 452.37     | 1.92    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 1.43    | 0.16    | -0.26   | 0.44       | 199.36  | ppb   |
| Selenium   | 82-1  | 0.02    | 0.51    | 0.19    | 0.24       | 103.08  | ppb   |
| Silicon    | 28-1  | 1018.28 | 969.74  | 951.01  | 979.67     | 3.54    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 157.63  | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.01       | 42.31   | ppb   |
| Sodium     | 23-2  | 9214.46 | 9148.79 | 9302.68 | 9221.98    | 0.84    | ppb   |
| Strontium  | 86-1  | 19.34   | 18.72   | 18.98   | 19.02      | 1.64    | ppb   |
| Strontium  | 88-1  | 19.25   | 19.07   | 18.94   | 19.09      | 0.83    | ppb   |
| Sulfur     | 34-1  | 18.82   | -111.98 | -80.54  | -57.90     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.19    | 0.62    | 0.35    | 0.39       | 56.30   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.04    | 0.05    | 0.04       | 17.56   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 16.00   | 15.47   | 15.65   | 15.71      | 1.70    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.02    | 0.02       | 21.48   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-14              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-14-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:17:22   | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 28.20   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-15 Instrumnet Name : P8  
 Client Sample ID : DC20894-15-FL1-BRA1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:20:30 DataFile Name : 063SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 24.33   | 29.10   | 39.38   | 30.94      | 24.86   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.08    | 0.07       | 3.55    | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.23    | 0.26    | 0.23       | 11.85   | ppb   |
| Barium     | 135-1 | 19.27   | 19.17   | 19.59   | 19.34      | 1.12    | ppb   |
| Barium     | 137-1 | 18.78   | 19.27   | 19.51   | 19.19      | 1.93    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.42    | 4.31    | 4.41    | 4.38       | 1.34    | ppb   |
| Boron      | 11-1  | 4.00    | 4.17    | 3.92    | 4.03       | 3.23    | ppb   |
| Cadmium    | 111-1 | -0.16   | -0.12   | -0.07   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.92   | -1.26   | -0.66   | -1.28      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | -0.14   | -0.08   | -0.10      |         | ppb   |
| Calcium    | 43-1  | 4358.98 | 4495.73 | 4413.47 | 4422.73    | 1.56    | ppb   |
| Calcium    | 44-1  | 4555.56 | 4625.22 | 4545.03 | 4575.27    | 0.95    | ppb   |
| Chromium   | 52-2  | 0.03    | -0.09   | -0.06   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.06    | 0.07    | 0.05       | 26.77   | ppb   |
| Copper     | 63-2  | 85.69   | 87.86   | 85.63   | 86.39      | 1.47    | 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  | 637.38  | 662.79  | 639.23  | 646.46     | 2.19    | ppb   |
| Iron       | 57-2  | 649.84  | 645.72  | 649.41  | 648.32     | 0.35    | ppb   |
| Lead       | 206-1 | 0.75    | 0.73    | 0.72    | 0.73       | 1.84    | ppb   |
| Lead       | 207-1 | 0.68    | 0.63    | 0.60    | 0.64       | 6.01    | ppb   |
| Lead       | 208-1 | 0.70    | 0.67    | 0.67    | 0.68       | 2.21    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1015.00 | 1055.29 | 1039.79 | 1036.70    | 1.96    | ppb   |
| Manganese  | 55-2  | 13.61   | 14.10   | 14.04   | 13.92      | 1.90    | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-15 Instrumnet Name : P8  
 Client Sample ID : DC20894-15-FL1-BRA1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:20:30 DataFile Name : 063SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.00    | 0.01       | 81.25   | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.01    | 0.01    | 0.00       | 381.45  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.64    | 0.57    | 0.61    | 0.61       | 5.23    | ppb   |
| Phosphorus | 31-2  | 700.55  | 746.01  | 659.85  | 702.14     | 6.14    | ppb   |
| Potassium  | 39-2  | 487.92  | 514.30  | 472.05  | 491.42     | 4.34    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.71    | -0.96   | -0.07      |         | ppb   |
| Selenium   | 78-2  | -0.68   | -0.26   | -0.68   | -0.54      |         | ppb   |
| Selenium   | 82-1  | 0.36    | -0.72   | -0.03   | -0.13      |         | ppb   |
| Silicon    | 28-1  | 941.83  | 961.70  | 941.50  | 948.34     | 1.22    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 26.13   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.02    | 0.01       | 20.29   | ppb   |
| Sodium     | 23-2  | 9120.11 | 9425.28 | 9254.99 | 9266.79    | 1.65    | ppb   |
| Strontium  | 86-1  | 18.88   | 19.24   | 19.79   | 19.30      | 2.37    | ppb   |
| Strontium  | 88-1  | 19.32   | 19.57   | 19.56   | 19.48      | 0.74    | ppb   |
| Sulfur     | 34-1  | -90.46  | 186.97  | 42.96   | 46.49      | 298.45  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.06   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.38    | 0.23    | 0.30    | 0.30       | 23.55   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.02    | 0.05    | 0.03       | 75.14   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 21.05   | 22.68   | 21.43   | 21.72      | 3.92    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.02    | 0.03    | 0.03       | 25.44   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-15              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-15-FL1-BRA1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:20:30   | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.05    | 0.05    | 0.04       | 50.24   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:23:39 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.80    | 0.27    | 6.87    | 3.32       | 100.38  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 202.24  | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.05   | -0.02   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.08   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Barium     | 137-1 | -0.08   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.22    | 0.61    | 0.78    | 0.87       | 36.04   | ppb   |
| Boron      | 11-1  | 0.81    | 0.99    | 0.51    | 0.77       | 31.57   | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.08   | -0.17   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.20   | -0.82   | -1.95   | -1.32      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.08   | -0.11   | -0.10      |         | ppb   |
| Calcium    | 43-1  | 16.12   | 4.70    | 8.79    | 9.87       | 58.64   | ppb   |
| Calcium    | 44-1  | 9.30    | 9.09    | 10.33   | 9.58       | 6.93    | ppb   |
| Chromium   | 52-2  | -0.12   | -0.10   | -0.11   | -0.11      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.02   | -0.03   | -0.05   | -0.03      |         | 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  | 0.33    | 0.33    | 0.19    | 0.28       | 27.72   | ppb   |
| Iron       | 57-2  | 1.01    | -1.78   | 0.67    | -0.03      |         | ppb   |
| Lead       | 206-1 | 491.67  | 481.63  | 486.58  | 486.63     | 1.03    | ppb   |
| Lead       | 207-1 | 487.05  | 484.68  | 493.41  | 488.38     | 0.92    | ppb   |
| Lead       | 208-1 | 494.71  | 486.97  | 490.58  | 490.76     | 0.79    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.25   | -1.09   | 0.70    | -0.22      |         | ppb   |
| Manganese  | 55-2  | -0.04   | -0.09   | -0.04   | -0.06      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:23:39 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.08   | -0.04   | -0.06      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.16   | -0.13   | -0.19   | -0.16      |         | ppb   |
| Phosphorus | 31-2  | 2.11    | 2.31    | 1.59    | 2.00       | 18.65   | ppb   |
| Potassium  | 39-2  | -11.25  | -11.48  | -16.90  | -13.21     |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.20   | -1.11   | 2.09    | 0.26       | 631.66  | ppb   |
| Selenium   | 82-1  | 0.49    | 0.16    | -0.11   | 0.18       | 164.71  | ppb   |
| Silicon    | 28-1  | -16.71  | -15.22  | -16.09  | -16.01     |         | ppb   |
| Silver     | 109-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 220.79  | ppb   |
| Sodium     | 23-2  | 0.37    | 3.80    | -0.65   | 1.17       | 198.95  | ppb   |
| Strontium  | 86-1  | -0.04   | 0.01    | 0.05    | 0.01       | 526.12  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -406.22 | -225.69 | -96.54  | -242.81    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.31    | 0.34    | 0.34    | 0.33       | 5.72    | ppb   |
| Titanium   | 47-1  | 0.01    | 0.02    | 0.04    | 0.02       | 66.89   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.05    | 0.20    | 0.21    | 0.15       | 55.86   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 55.82   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:23:39 | DataFile Name :   | 064SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:26:49 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.58   | 3.70    | 2.81    | 1.98       | 114.21  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.08   | -0.10   | -0.09   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.08   | -0.07   | -0.09   | -0.08      |         | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.48    | 0.48    | 0.13    | 0.37       | 54.94   | ppb   |
| Boron      | 11-1  | 0.48    | 0.21    | 0.29    | 0.33       | 42.27   | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.10   | -0.12   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.21   | -0.95   | -1.19   | -1.12      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.11   | -0.02   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 17.66   | 15.98   | -1.02   | 10.87      | 95.05   | ppb   |
| Calcium    | 44-1  | 8.08    | 4.33    | 7.79    | 6.73       | 31.03   | ppb   |
| Chromium   | 52-2  | -0.10   | -0.11   | -0.07   | -0.10      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.09   | -0.05   | -0.05   | -0.06      |         | 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  | -0.08   | 0.33    | 0.08    | 0.11       | 189.66  | ppb   |
| Iron       | 57-2  | -1.55   | 1.54    | -1.56   | -0.52      |         | ppb   |
| Lead       | 206-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Lead       | 207-1 | -0.05   | -0.04   | -0.04   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.93   | -1.77   | -0.76   | -1.15      |         | ppb   |
| Manganese  | 55-2  | -0.09   | -0.07   | -0.10   | -0.08      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:26:49 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | -0.01   | -0.02   | -0.02   | -0.02      |          | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |          | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.03   | -0.04   | -0.03      |          | ppb   |
| Molybdenum | 97-1  | -0.07   | -0.07   | -0.07   | -0.07      |          | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.03   | -0.04   | -0.03      |          | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | -0.14   | -0.13   | -0.17   | -0.15      |          | ppb   |
| Phosphorus | 31-2  | 2.19    | 14.82   | 2.16    | 6.39       | 114.26   | ppb   |
| Potassium  | 39-2  | -16.91  | -9.15   | -4.92   | -10.33     |          | ppb   |
| Rhodium    | 103-1 |         |         |         |            |          | %     |
| Rhodium    | 103-2 |         |         |         |            |          | %     |
| Scandium   | 45-1  |         |         |         |            |          | %     |
| Scandium   | 45-2  |         |         |         |            |          | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.95    | 0.01       | 14540.32 | ppb   |
| Selenium   | 78-2  | 1.16    | -0.64   | 1.68    | 0.73       | 165.59   | ppb   |
| Selenium   | 82-1  | 0.17    | 0.90    | -0.46   | 0.20       | 336.40   | ppb   |
| Silicon    | 28-1  | -18.08  | -23.44  | -16.53  | -19.35     |          | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |          | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.00       | 77.09    | ppb   |
| Sodium     | 23-2  | 3.22    | 2.45    | 1.06    | 2.24       | 48.87    | ppb   |
| Strontium  | 86-1  | 0.04    | -0.09   | -0.01   | -0.02      |          | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | 0.00    | 0.00       |          | ppb   |
| Sulfur     | 34-1  | -202.74 | -424.73 | -195.69 | -274.39    |          | ppb   |
| Terbium    | 159-1 |         |         |         |            |          | %     |
| Terbium    | 159-2 |         |         |         |            |          | %     |
| Thallium   | 203-1 | -0.05   | -0.05   | -0.04   | -0.05      |          | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |          | ppb   |
| Tin        | 118-1 | -0.03   | -0.03   | -0.03   | -0.03      |          | ppb   |
| Titanium   | 47-1  | 0.00    | 0.00    | -0.02   | -0.01      |          | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |          | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.02   | -0.02      |          | ppb   |
| Yttrium    | 89-1  |         |         |         |            |          | %     |
| Yttrium    | 89-2  |         |         |         |            |          | %     |
| Zinc       | 66-2  | -0.43   | -0.37   | -0.42   | -0.41      |          | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | 0.00    | -0.01      |          | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:26:49 | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.01    | 0.01    | 0.00       | 196.67  | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-16 Instrumnet Name : P8  
 Client Sample ID : DC20894-16-FL1-BRA1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:29:59 DataFile Name : 066SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 40.56   | 45.82   | 39.36   | 41.91      | 8.19    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.05    | 0.05       | 14.71   | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.29    | 0.26    | 0.24       | 24.97   | ppb   |
| Barium     | 135-1 | 20.33   | 20.18   | 20.06   | 20.19      | 0.68    | ppb   |
| Barium     | 137-1 | 19.92   | 20.10   | 20.26   | 20.09      | 0.86    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.80    | 3.88    | 2.98    | 3.55       | 14.03   | ppb   |
| Boron      | 11-1  | 3.75    | 3.72    | 3.51    | 3.66       | 3.63    | ppb   |
| Cadmium    | 111-1 | -0.16   | -0.19   | -0.15   | -0.17      |         | ppb   |
| Cadmium    | 106-1 | -1.81   | -2.22   | -1.85   | -1.96      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.06   | -0.03   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 4417.54 | 4412.69 | 4488.28 | 4439.50    | 0.95    | ppb   |
| Calcium    | 44-1  | 4459.94 | 4502.68 | 4659.40 | 4540.68    | 2.31    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | -0.07   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Copper     | 63-2  | 78.31   | 73.21   | 73.56   | 75.02      | 3.80    | 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  | 25.27   | 21.91   | 23.21   | 23.46      | 7.22    | ppb   |
| Iron       | 57-2  | 22.68   | 27.37   | 19.46   | 23.17      | 17.17   | ppb   |
| Lead       | 206-1 | 0.44    | 0.46    | 0.45    | 0.45       | 2.11    | ppb   |
| Lead       | 207-1 | 0.40    | 0.38    | 0.36    | 0.38       | 5.15    | ppb   |
| Lead       | 208-1 | 0.41    | 0.41    | 0.41    | 0.41       | 0.21    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1129.28 | 1044.00 | 1037.73 | 1070.34    | 4.78    | ppb   |
| Manganese  | 55-2  | 11.88   | 10.89   | 10.77   | 11.18      | 5.45    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-16              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-16-FL1-BRA1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:29:59   | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.02    | 0.01       | 25.26   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.01    | 0.01    | 0.00       | 1226.73 | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.01   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.16    | 0.20    | 0.04    | 0.13       | 62.79   | ppb   |
| Phosphorus | 31-2  | 705.97  | 605.24  | 727.74  | 679.65     | 9.62    | ppb   |
| Potassium  | 39-2  | 483.40  | 450.96  | 457.61  | 463.99     | 3.69    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.84    | 1.70    | 1.71    | 1.75       | 4.58    | ppb   |
| Selenium   | 78-2  | -0.22   | -1.11   | -0.68   | -0.67      |         | ppb   |
| Selenium   | 82-1  | -0.13   | 0.37    | 0.19    | 0.14       | 179.20  | ppb   |
| Silicon    | 28-1  | 954.12  | 986.79  | 1025.18 | 988.70     | 3.60    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 19.79   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 25.91   | ppb   |
| Sodium     | 23-2  | 9893.25 | 9219.07 | 9270.10 | 9460.81    | 3.97    | ppb   |
| Strontium  | 86-1  | 19.02   | 19.27   | 19.01   | 19.10      | 0.78    | ppb   |
| Strontium  | 88-1  | 19.55   | 19.65   | 19.50   | 19.57      | 0.39    | ppb   |
| Sulfur     | 34-1  | -152.25 | 167.40  | 340.07  | 118.40     | 210.96  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.28    | 0.39    | 0.26    | 0.31       | 21.72   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | 0.03    | 0.04    | 0.02       | 132.83  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 11.31   | 10.48   | 10.04   | 10.61      | 6.10    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.02    | 0.03    | 0.03       | 22.97   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-16              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-16-FL1-BRA1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:29:59   | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.02    | 0.02       | 21.59   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-17 Instrumnet Name : P8  
 Client Sample ID : DC20894-17-FL1-BRA2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:33:08 DataFile Name : 067SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 22.47   | 18.31   | 21.26   | 20.68      | 10.35   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.10    | 0.09    | 0.09       | 4.09    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.32    | 0.24    | 0.28       | 14.84   | ppb   |
| Barium     | 135-1 | 19.19   | 19.90   | 19.02   | 19.37      | 2.43    | ppb   |
| Barium     | 137-1 | 19.56   | 19.08   | 19.73   | 19.46      | 1.72    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.80    | 3.40    | 4.27    | 3.82       | 11.29   | ppb   |
| Boron      | 11-1  | 3.67    | 3.82    | 4.01    | 3.84       | 4.46    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.12   | -0.20   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -0.46   | -1.60   | -2.64   | -1.57      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.00    | -0.14   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 4465.48 | 4456.60 | 4429.79 | 4450.62    | 0.42    | ppb   |
| Calcium    | 44-1  | 4508.83 | 4584.76 | 4647.03 | 4580.21    | 1.51    | ppb   |
| Chromium   | 52-2  | -0.01   | 0.11    | -0.01   | 0.03       | 217.50  | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Copper     | 63-2  | 103.19  | 104.37  | 104.52  | 104.03     | 0.70    | 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  | 244.01  | 245.65  | 243.73  | 244.46     | 0.42    | ppb   |
| Iron       | 57-2  | 244.31  | 246.91  | 248.15  | 246.46     | 0.80    | ppb   |
| Lead       | 206-1 | 1.45    | 1.31    | 1.39    | 1.38       | 5.16    | ppb   |
| Lead       | 207-1 | 1.28    | 1.31    | 1.17    | 1.25       | 5.92    | ppb   |
| Lead       | 208-1 | 1.36    | 1.32    | 1.31    | 1.33       | 2.22    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1048.51 | 1086.99 | 1084.97 | 1073.49    | 2.02    | ppb   |
| Manganese  | 55-2  | 11.19   | 11.41   | 11.35   | 11.32      | 1.01    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-17 Instrumnet Name : P8  
 Client Sample ID : DC20894-17-FL1-BRA2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:33:08 DataFile Name : 067SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 9.74    | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.02    | 0.02    | 0.02       | 16.11   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.04    | 0.04    | 0.03       | 52.16   | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.01    | 0.03    | 0.02       | 61.73   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.68    | 2.75    | 2.67    | 2.70       | 1.70    | ppb   |
| Phosphorus | 31-2  | 724.48  | 651.42  | 724.74  | 700.22     | 6.03    | ppb   |
| Potassium  | 39-2  | 445.35  | 452.17  | 436.46  | 444.66     | 1.77    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.73    | -0.06      |         | ppb   |
| Selenium   | 78-2  | 1.02    | -0.69   | -0.25   | 0.03       | 3326.46 | ppb   |
| Selenium   | 82-1  | -0.76   | 0.25    | -0.11   | -0.21      |         | ppb   |
| Silicon    | 28-1  | 1009.11 | 983.86  | 965.49  | 986.16     | 2.22    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 39.79   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.01    | 0.01       | 44.12   | ppb   |
| Sodium     | 23-2  | 9096.51 | 9295.54 | 9138.48 | 9176.84    | 1.14    | ppb   |
| Strontium  | 86-1  | 19.05   | 19.42   | 18.86   | 19.11      | 1.47    | ppb   |
| Strontium  | 88-1  | 19.47   | 19.38   | 19.23   | 19.36      | 0.63    | ppb   |
| Sulfur     | 34-1  | -8.27   | 407.81  | 270.68  | 223.41     | 94.91   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.02    | 0.00    | 0.03    | 0.02       | 93.66   | ppb   |
| Titanium   | 47-1  | 0.47    | 0.41    | 0.37    | 0.42       | 11.41   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.05    | 0.06       | 12.60   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 73.84   | 73.54   | 75.68   | 74.35      | 1.56    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 4.34    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-17              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-17-FL1-BRA2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:33:08   | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.04    | 0.04       | 14.20   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-18 Instrumnet Name : P8  
 Client Sample ID : DC20894-18-FL1-BRA2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:36:16 DataFile Name : 068SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 57.36   | 64.67   | 60.04   | 60.69      | 6.09    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 3.34    | ppb   |
| Arsenic    | 75-2  | 0.16    | 0.21    | 0.30    | 0.22       | 30.39   | ppb   |
| Barium     | 135-1 | 20.66   | 19.97   | 21.12   | 20.59      | 2.81    | ppb   |
| Barium     | 137-1 | 20.79   | 19.96   | 20.58   | 20.44      | 2.09    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.26    | 4.60    | 4.62    | 4.16       | 18.76   | ppb   |
| Boron      | 11-1  | 4.26    | 4.17    | 4.80    | 4.41       | 7.75    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.15   | -0.20   | -0.15      |         | ppb   |
| Cadmium    | 106-1 | -1.17   | -1.63   | -2.55   | -1.78      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.06   | -0.08   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4387.52 | 4449.51 | 4594.05 | 4477.02    | 2.37    | ppb   |
| Calcium    | 44-1  | 4497.63 | 4537.00 | 4704.83 | 4579.82    | 2.40    | ppb   |
| Chromium   | 52-2  | 0.04    | -0.02   | -0.06   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Copper     | 63-2  | 80.06   | 77.92   | 77.91   | 78.63      | 1.58    | 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  | 23.29   | 21.91   | 22.79   | 22.66      | 3.09    | ppb   |
| Iron       | 57-2  | 27.02   | 21.41   | 24.00   | 24.14      | 11.63   | ppb   |
| Lead       | 206-1 | 0.54    | 0.51    | 0.48    | 0.51       | 5.35    | ppb   |
| Lead       | 207-1 | 0.45    | 0.48    | 0.49    | 0.47       | 4.01    | ppb   |
| Lead       | 208-1 | 0.47    | 0.50    | 0.49    | 0.49       | 3.03    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1039.36 | 1023.51 | 1045.27 | 1036.04    | 1.09    | ppb   |
| Manganese  | 55-2  | 10.96   | 10.52   | 10.92   | 10.80      | 2.26    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-18 Instrumnet Name : P8  
 Client Sample ID : DC20894-18-FL1-BRA2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:36:16 DataFile Name : 068SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.00    | 0.01       | 71.49   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.06   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.00    | 0.00       | 217.92  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.20    | 0.18    | 0.22    | 0.20       | 9.18    | ppb   |
| Phosphorus | 31-2  | 647.99  | 642.64  | 597.88  | 629.50     | 4.37    | ppb   |
| Potassium  | 39-2  | 458.18  | 458.47  | 433.81  | 450.15     | 3.14    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.26   | -0.27   | -0.26   | -0.26      |         | ppb   |
| Selenium   | 82-1  | 0.78    | 0.16    | 0.69    | 0.55       | 61.31   | ppb   |
| Silicon    | 28-1  | 963.31  | 978.93  | 999.77  | 980.67     | 1.87    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 101.09  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 61.04   | ppb   |
| Sodium     | 23-2  | 9301.18 | 9193.31 | 9070.88 | 9188.46    | 1.25    | ppb   |
| Strontium  | 86-1  | 19.39   | 19.25   | 20.07   | 19.57      | 2.25    | ppb   |
| Strontium  | 88-1  | 19.42   | 19.51   | 20.13   | 19.69      | 1.97    | ppb   |
| Sulfur     | 34-1  | 71.48   | -44.04  | 547.85  | 191.76     | 163.61  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.28    | 0.33    | 0.32    | 0.31       | 9.68    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.04    | 0.05    | 0.05       | 24.46   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 16.29   | 15.44   | 16.15   | 15.96      | 2.85    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.03    | 0.03       | 18.26   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-18              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-18-FL1-BRA2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:36:16   | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.03    | 0.03       | 18.48   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-19 Instrumnet Name : P8  
 Client Sample ID : DC20894-19-FL1-CL2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:39:25 DataFile Name : 069SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.97   | 26.10   | 21.39   | 19.82      | 36.30   | ppb   |
| Antimony   | 121-1 | 0.23    | 0.26    | 0.21    | 0.23       | 9.63    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.17    | 0.24    | 0.21       | 15.13   | ppb   |
| Barium     | 135-1 | 17.60   | 17.15   | 17.54   | 17.43      | 1.39    | ppb   |
| Barium     | 137-1 | 17.32   | 17.52   | 17.41   | 17.42      | 0.58    | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.56    | 3.48    | 3.57    | 3.54       | 1.39    | ppb   |
| Boron      | 11-1  | 3.75    | 3.99    | 3.91    | 3.89       | 3.13    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.15   | -0.12   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.64   | -1.89   | -1.44   | -1.66      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | 0.00    | -0.06   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4504.89 | 4441.82 | 4476.71 | 4474.47    | 0.71    | ppb   |
| Calcium    | 44-1  | 4574.83 | 4507.96 | 4563.08 | 4548.62    | 0.78    | ppb   |
| Chromium   | 52-2  | -0.02   | 0.09    | -0.06   | 0.01       | 1354.74 | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 184.66  | 185.56  | 184.64  | 184.95     | 0.28    | 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  | 21.87   | 21.22   | 21.15   | 21.41      | 1.84    | ppb   |
| Iron       | 57-2  | 20.36   | 25.79   | 20.58   | 22.24      | 13.81   | ppb   |
| Lead       | 206-1 | 0.85    | 0.83    | 0.82    | 0.84       | 1.81    | ppb   |
| Lead       | 207-1 | 0.77    | 0.84    | 0.72    | 0.78       | 7.41    | ppb   |
| Lead       | 208-1 | 0.84    | 0.86    | 0.82    | 0.84       | 2.16    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1073.03 | 1041.78 | 1049.80 | 1054.87    | 1.54    | ppb   |
| Manganese  | 55-2  | 17.26   | 16.50   | 17.41   | 17.06      | 2.85    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-19 Instrumnet Name : P8  
 Client Sample ID : DC20894-19-FL1-CL2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:39:25 DataFile Name : 069SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | 145.13  | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.04   | -0.02   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.64    | 2.51    | 2.54    | 2.57       | 2.59    | ppb   |
| Phosphorus | 31-2  | 580.94  | 752.05  | 740.41  | 691.13     | 13.83   | ppb   |
| Potassium  | 39-2  | 455.39  | 431.91  | 452.26  | 446.52     | 2.86    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.72    | 1.70    | 0.82       | 187.53  | ppb   |
| Selenium   | 78-2  | 0.18    | -0.68   | -0.68   | -0.40      |         | ppb   |
| Selenium   | 82-1  | -0.36   | -0.08   | 0.15    | -0.10      |         | ppb   |
| Silicon    | 28-1  | 955.35  | 954.90  | 959.38  | 956.55     | 0.26    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 53.99   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 32.89   | ppb   |
| Sodium     | 23-2  | 9181.40 | 9331.99 | 9385.03 | 9299.47    | 1.14    | ppb   |
| Strontium  | 86-1  | 17.98   | 19.11   | 18.72   | 18.60      | 3.10    | ppb   |
| Strontium  | 88-1  | 18.69   | 18.86   | 18.80   | 18.78      | 0.46    | ppb   |
| Sulfur     | 34-1  | 50.97   | -57.49  | 44.69   | 12.72      | 478.61  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 6.13    | 6.05    | 6.20    | 6.13       | 1.21    | ppb   |
| Titanium   | 47-1  | 0.28    | 0.32    | 0.32    | 0.31       | 7.88    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.03    | 0.05    | 0.04       | 29.16   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 168.88  | 169.22  | 170.12  | 169.41     | 0.38    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 7.45    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-19             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-19-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:39:25  | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.03    | 0.03       | 10.74   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-20 Instrumnet Name : P8  
 Client Sample ID : DC20894-20-FL1-CL2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:42:34 DataFile Name : 070SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 52.70   | 65.91   | 68.90   | 62.50      | 13.79   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.04    | 0.06       | 22.57   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.20    | 0.22    | 0.23       | 11.70   | ppb   |
| Barium     | 135-1 | 20.25   | 20.42   | 20.58   | 20.42      | 0.80    | ppb   |
| Barium     | 137-1 | 19.24   | 19.79   | 19.90   | 19.64      | 1.80    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.60    | 4.05    | 3.67    | 4.11       | 11.38   | ppb   |
| Boron      | 11-1  | 3.95    | 4.23    | 4.32    | 4.17       | 4.55    | ppb   |
| Cadmium    | 111-1 | -0.16   | -0.11   | -0.12   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.93   | -1.34   | -1.40   | -1.56      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.06   | -0.11   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 4496.07 | 4423.90 | 4360.39 | 4426.79    | 1.53    | ppb   |
| Calcium    | 44-1  | 4605.56 | 4518.58 | 4511.62 | 4545.25    | 1.15    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.11   | -0.04   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 83.80   | 83.65   | 85.08   | 84.17      | 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  | 18.28   | 17.84   | 18.74   | 18.29      | 2.45    | ppb   |
| Iron       | 57-2  | 18.28   | 22.57   | 18.78   | 19.87      | 11.82   | ppb   |
| Lead       | 206-1 | 0.40    | 0.36    | 0.46    | 0.41       | 11.89   | ppb   |
| Lead       | 207-1 | 0.37    | 0.36    | 0.35    | 0.36       | 2.91    | ppb   |
| Lead       | 208-1 | 0.40    | 0.35    | 0.38    | 0.38       | 6.22    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1023.86 | 1030.75 | 1054.14 | 1036.25    | 1.53    | ppb   |
| Manganese  | 55-2  | 10.73   | 11.38   | 11.41   | 11.17      | 3.45    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-20             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-20-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:42:34  | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.01    | 0.01       | 88.16   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.01    | 0.00       | 169.07  | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.00    | 0.00       | 215.63  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.17    | 0.07    | 0.18    | 0.14       | 44.04   | ppb   |
| Phosphorus | 31-2  | 739.58  | 628.31  | 596.32  | 654.74     | 11.49   | ppb   |
| Potassium  | 39-2  | 440.22  | 458.31  | 440.07  | 446.20     | 2.35    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.27   | -0.69   | -0.26   | -0.41      |         | ppb   |
| Selenium   | 82-1  | 0.39    | 0.22    | -0.40   | 0.07       | 592.40  | ppb   |
| Silicon    | 28-1  | 1117.56 | 985.07  | 951.93  | 1018.19    | 8.61    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 172.87  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 38.39   | ppb   |
| Sodium     | 23-2  | 9229.06 | 9164.03 | 9257.41 | 9216.83    | 0.52    | ppb   |
| Strontium  | 86-1  | 18.96   | 19.40   | 19.45   | 19.27      | 1.41    | ppb   |
| Strontium  | 88-1  | 19.37   | 19.40   | 19.24   | 19.34      | 0.45    | ppb   |
| Sulfur     | 34-1  | 26.59   | 91.83   | -172.13 | -17.91     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | 0.00    | -0.01   | -0.04   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.30    | 0.25    | 0.27    | 0.27       | 9.82    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.04    | 0.02    | 0.02       | 51.77   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 18.33   | 18.77   | 18.68   | 18.59      | 1.26    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 27.20   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-20             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-20-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:42:34  | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.04    | 0.03       | 58.76   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-21 Instrumnet Name : P8  
 Client Sample ID : DC20894-21-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:45:41 DataFile Name : 071SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 80.61   | 54.99   | 52.08   | 62.56      | 25.10   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.07    | 0.05    | 0.07       | 28.21   | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.27    | 0.17    | 0.24       | 25.74   | ppb   |
| Barium     | 135-1 | 19.22   | 19.28   | 20.14   | 19.55      | 2.65    | ppb   |
| Barium     | 137-1 | 19.69   | 19.88   | 19.05   | 19.54      | 2.23    | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.03    | 5.15    | 5.48    | 5.22       | 4.42    | ppb   |
| Boron      | 11-1  | 4.69    | 4.86    | 4.96    | 4.84       | 2.80    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.13   | -0.17   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.15   | -1.64   | -1.97   | -1.59      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.14   | -0.03   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 4393.48 | 4494.90 | 4448.72 | 4445.70    | 1.14    | ppb   |
| Calcium    | 44-1  | 4455.90 | 4550.18 | 4507.64 | 4504.58    | 1.05    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.07   | 0.05    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 95.31   | 96.61   | 97.81   | 96.58      | 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  | 18.91   | 18.39   | 18.67   | 18.66      | 1.39    | ppb   |
| Iron       | 57-2  | 19.99   | 19.97   | 19.32   | 19.76      | 1.92    | ppb   |
| Lead       | 206-1 | 1.73    | 1.70    | 1.84    | 1.76       | 4.27    | ppb   |
| Lead       | 207-1 | 1.53    | 1.60    | 1.67    | 1.60       | 4.41    | ppb   |
| Lead       | 208-1 | 1.68    | 1.69    | 1.74    | 1.70       | 2.04    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1019.36 | 1035.33 | 1038.93 | 1031.21    | 1.01    | ppb   |
| Manganese  | 55-2  | 11.63   | 12.17   | 12.31   | 12.04      | 2.99    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-21             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-21-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:45:41  | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.01    | 0.01       | 113.65  | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.01    | 0.01       | 79.01   | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02   | -0.05   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.94    | 0.92    | 0.88    | 0.92       | 3.37    | ppb   |
| Phosphorus | 31-2  | 622.11  | 660.77  | 787.47  | 690.12     | 12.53   | ppb   |
| Potassium  | 39-2  | 453.53  | 433.41  | 468.59  | 451.84     | 3.91    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.71    | -0.07      |         | ppb   |
| Selenium   | 78-2  | -0.68   | 0.18    | 1.87    | 0.45       | 285.91  | ppb   |
| Selenium   | 82-1  | -0.03   | -0.21   | 0.30    | 0.02       | 1245.01 | ppb   |
| Silicon    | 28-1  | 949.23  | 962.20  | 989.67  | 967.04     | 2.13    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.01       | 52.97   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.02    | 0.01       | 73.17   | ppb   |
| Sodium     | 23-2  | 9200.02 | 9209.90 | 9290.40 | 9233.44    | 0.54    | ppb   |
| Strontium  | 86-1  | 18.37   | 18.69   | 19.00   | 18.69      | 1.69    | ppb   |
| Strontium  | 88-1  | 19.21   | 19.30   | 19.37   | 19.29      | 0.41    | ppb   |
| Sulfur     | 34-1  | -310.66 | 135.77  | 203.04  | 9.38       | 2975.74 | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.35    | 0.35    | 0.31    | 0.34       | 6.07    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.02    | 0.06    | 0.05       | 45.71   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 87.74   | 88.52   | 87.81   | 88.02      | 0.49    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.03    | 0.02       | 46.96   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-21             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-21-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:45:41  | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.05    | 0.03    | 0.03       | 60.54   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-22 Instrumnet Name : P8  
 Client Sample ID : DC20894-22-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:48:51 DataFile Name : 072SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 56.87   | 69.88   | 93.42   | 73.39      | 25.24   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.05    | 0.06       | 5.87    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.21    | 0.28    | 0.24       | 15.08   | ppb   |
| Barium     | 135-1 | 19.84   | 20.06   | 20.10   | 20.00      | 0.69    | ppb   |
| Barium     | 137-1 | 20.03   | 19.97   | 19.60   | 19.86      | 1.19    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.02    | 3.25    | 5.48    | 4.25       | 26.68   | ppb   |
| Boron      | 11-1  | 4.62    | 4.57    | 4.86    | 4.68       | 3.32    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.11   | -0.13   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.18   | -1.07   | -1.57   | -1.27      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.03   | -0.03   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 4486.98 | 4438.60 | 4416.31 | 4447.30    | 0.81    | ppb   |
| Calcium    | 44-1  | 4595.80 | 4465.21 | 4514.11 | 4525.04    | 1.46    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.02   | -0.05   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 75.24   | 75.39   | 76.19   | 75.61      | 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  | 19.09   | 19.82   | 18.47   | 19.12      | 3.52    | ppb   |
| Iron       | 57-2  | 18.92   | 14.90   | 20.53   | 18.12      | 16.00   | ppb   |
| Lead       | 206-1 | 1.14    | 1.01    | 1.07    | 1.07       | 5.72    | ppb   |
| Lead       | 207-1 | 0.89    | 0.95    | 0.92    | 0.92       | 3.18    | ppb   |
| Lead       | 208-1 | 1.02    | 0.97    | 0.98    | 0.99       | 2.35    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1043.74 | 1052.06 | 1050.64 | 1048.82    | 0.42    | ppb   |
| Manganese  | 55-2  | 10.89   | 11.45   | 10.83   | 11.06      | 3.12    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-22             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-22-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:48:51  | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.02    | 0.00       | 216.03   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | -0.01   | 0.00       |          | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | 41423.07 | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.04   | -0.01   | -0.03      |          | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.00    | 0.00       | 151.61   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | 0.22    | 0.18    | 0.17    | 0.19       | 13.58    | ppb   |
| Phosphorus | 31-2  | 708.53  | 850.75  | 653.92  | 737.73     | 13.77    | ppb   |
| Potassium  | 39-2  | 473.04  | 442.63  | 454.86  | 456.84     | 3.35     | ppb   |
| Rhodium    | 103-1 |         |         |         |            |          | %     |
| Rhodium    | 103-2 |         |         |         |            |          | %     |
| Scandium   | 45-1  |         |         |         |            |          | %     |
| Scandium   | 45-2  |         |         |         |            |          | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.72    | -0.07      |          | ppb   |
| Selenium   | 78-2  | 0.60    | -0.25   | -0.26   | 0.03       | 1542.24  | ppb   |
| Selenium   | 82-1  | -0.14   | -0.20   | 0.10    | -0.08      |          | ppb   |
| Silicon    | 28-1  | 987.66  | 991.44  | 1009.46 | 996.19     | 1.17     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 150.59   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 34.07    | ppb   |
| Sodium     | 23-2  | 9426.75 | 9310.59 | 9435.29 | 9390.88    | 0.74     | ppb   |
| Strontium  | 86-1  | 19.25   | 19.15   | 19.30   | 19.23      | 0.38     | ppb   |
| Strontium  | 88-1  | 19.62   | 19.23   | 19.42   | 19.42      | 1.00     | ppb   |
| Sulfur     | 34-1  | 280.01  | 240.00  | 9.11    | 176.37     | 82.91    | ppb   |
| Terbium    | 159-1 |         |         |         |            |          | %     |
| Terbium    | 159-2 |         |         |         |            |          | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |          | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.03   | -0.04      |          | ppb   |
| Tin        | 118-1 | -0.03   | -0.02   | -0.02   | -0.02      |          | ppb   |
| Titanium   | 47-1  | 0.22    | 0.27    | 0.27    | 0.25       | 11.17    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |          | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.04    | 0.04    | 0.05       | 26.29    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |          | %     |
| Yttrium    | 89-2  |         |         |         |            |          | %     |
| Zinc       | 66-2  | 18.66   | 18.00   | 17.33   | 18.00      | 3.68     | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.01    | 0.02       | 23.10    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-22             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-22-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:48:51  | DataFile Name :   | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.02    | 0.03       | 29.29   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-23             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-23-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:51:59  | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.83   | 20.54   | 25.31   | 19.56      | 32.21   | ppb   |
| Antimony   | 121-1 | 0.17    | 0.18    | 0.18    | 0.18       | 3.99    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.21    | 0.15    | 0.20       | 19.96   | ppb   |
| Barium     | 135-1 | 18.57   | 19.05   | 18.54   | 18.72      | 1.54    | ppb   |
| Barium     | 137-1 | 18.58   | 18.76   | 18.33   | 18.56      | 1.17    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.57    | 4.41    | 4.01    | 3.99       | 10.52   | ppb   |
| Boron      | 11-1  | 3.83    | 4.09    | 4.29    | 4.07       | 5.62    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.01   | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.56   | -0.93   | -1.39   | -0.96      |         | ppb   |
| Cadmium    | 108-1 | 0.51    | 0.27    | 0.19    | 0.33       | 51.81   | ppb   |
| Calcium    | 43-1  | 4721.49 | 4616.88 | 4609.25 | 4649.21    | 1.35    | ppb   |
| Calcium    | 44-1  | 4850.08 | 4733.72 | 4708.96 | 4764.25    | 1.58    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.09   | -0.12   | -0.09      |         | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.07    | 0.01    | 0.04       | 68.13   | ppb   |
| Copper     | 63-2  | 179.44  | 176.75  | 177.02  | 177.74     | 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  | 14.55   | 16.83   | 13.45   | 14.94      | 11.52   | ppb   |
| Iron       | 57-2  | 15.27   | 10.36   | 11.05   | 12.23      | 21.72   | ppb   |
| Lead       | 206-1 | 4.62    | 4.70    | 4.64    | 4.65       | 0.91    | ppb   |
| Lead       | 207-1 | 4.10    | 4.30    | 4.14    | 4.18       | 2.48    | ppb   |
| Lead       | 208-1 | 4.43    | 4.43    | 4.39    | 4.42       | 0.46    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1104.18 | 1119.62 | 1118.41 | 1114.07    | 0.77    | ppb   |
| Manganese  | 55-2  | 14.78   | 14.51   | 14.98   | 14.76      | 1.60    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-23             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-23-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:51:59  | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.01    | 0.00       | 170.25  | ppb   |
| Molybdenum | 95-1  | -0.02   | 0.01    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | 0.02    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 31.16   | 31.15   | 31.93   | 31.41      | 1.43    | ppb   |
| Phosphorus | 31-2  | 298.05  | 409.02  | 398.86  | 368.64     | 16.64   | ppb   |
| Potassium  | 39-2  | 461.09  | 449.15  | 462.35  | 457.53     | 1.59    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 4.36    | 4.42    | 2.61       | 118.45  | ppb   |
| Selenium   | 78-2  | -1.11   | -0.68   | -0.68   | -0.82      |         | ppb   |
| Selenium   | 82-1  | -0.03   | 0.47    | 0.30    | 0.25       | 102.98  | ppb   |
| Silicon    | 28-1  | 970.55  | 950.06  | 965.64  | 962.08     | 1.11    | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.02    | 0.02       | 33.35   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.08   | ppb   |
| Sodium     | 23-2  | 9422.92 | 9387.61 | 9446.38 | 9418.97    | 0.31    | ppb   |
| Strontium  | 86-1  | 19.65   | 19.04   | 19.39   | 19.36      | 1.59    | ppb   |
| Strontium  | 88-1  | 19.74   | 19.38   | 19.86   | 19.66      | 1.28    | ppb   |
| Sulfur     | 34-1  | 194.39  | 36.37   | 131.25  | 120.67     | 65.91   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.06   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.15    | 0.24    | 0.18    | 0.19       | 24.98   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.01    | 0.00    | 0.01       | 128.67  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1036.91 | 1021.60 | 1026.46 | 1028.33    | 0.76    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.01    | 0.01    | 0.01       | 76.77   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-23             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-23-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:51:59  | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.01    | 0.02       | 49.40   | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-24 Instrumnet Name : P8  
 Client Sample ID : DC20894-24-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:55:09 DataFile Name : 074SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 23.38   | 23.89   | 24.06   | 23.78      | 1.49    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 4.25    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.22    | 0.39    | 0.28       | 33.61   | ppb   |
| Barium     | 135-1 | 17.24   | 17.45   | 16.99   | 17.23      | 1.34    | ppb   |
| Barium     | 137-1 | 17.44   | 17.32   | 17.06   | 17.27      | 1.11    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.50    | 3.96    | 3.85    | 3.77       | 6.35    | ppb   |
| Boron      | 11-1  | 3.41    | 3.76    | 4.07    | 3.75       | 8.80    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.07   | -0.15   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.93   | -1.13   | -1.79   | -1.62      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.09   | -0.09   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4482.13 | 4385.20 | 4380.01 | 4415.78    | 1.30    | ppb   |
| Calcium    | 44-1  | 4531.02 | 4475.76 | 4575.26 | 4527.35    | 1.10    | ppb   |
| Chromium   | 52-2  | -0.10   | -0.10   | -0.03   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Copper     | 63-2  | 194.23  | 191.30  | 192.35  | 192.63     | 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  | 32.41   | 31.34   | 29.22   | 30.99      | 5.24    | ppb   |
| Iron       | 57-2  | 33.24   | 29.05   | 32.46   | 31.58      | 7.06    | ppb   |
| Lead       | 206-1 | 4.13    | 4.17    | 4.22    | 4.18       | 1.06    | ppb   |
| Lead       | 207-1 | 3.77    | 3.79    | 3.84    | 3.80       | 1.05    | ppb   |
| Lead       | 208-1 | 4.01    | 3.98    | 4.09    | 4.03       | 1.35    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1039.22 | 1033.11 | 1027.59 | 1033.31    | 0.56    | ppb   |
| Manganese  | 55-2  | 19.70   | 20.32   | 20.56   | 20.19      | 2.20    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-24             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-24-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:55:09  | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.02    | 0.02       | 26.85   | ppb   |
| Molybdenum | 95-1  | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.01    | 0.01       | 24.42   | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 5.25    | 5.11    | 5.32    | 5.23       | 1.98    | ppb   |
| Phosphorus | 31-2  | 729.09  | 554.73  | 882.79  | 722.20     | 22.73   | ppb   |
| Potassium  | 39-2  | 435.00  | 471.41  | 452.07  | 452.83     | 4.02    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.27   | 0.58    | -0.27   | 0.02       | 3200.97 | ppb   |
| Selenium   | 82-1  | -0.03   | -0.34   | -0.03   | -0.13      |         | ppb   |
| Silicon    | 28-1  | 966.05  | 951.78  | 1046.45 | 988.09     | 5.17    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 1.42    | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.69   | ppb   |
| Sodium     | 23-2  | 9185.41 | 9230.86 | 9157.89 | 9191.39    | 0.40    | ppb   |
| Strontium  | 86-1  | 18.16   | 18.27   | 18.52   | 18.32      | 1.02    | ppb   |
| Strontium  | 88-1  | 18.89   | 18.45   | 18.65   | 18.66      | 1.19    | ppb   |
| Sulfur     | 34-1  | -98.76  | -114.79 | 115.93  | -32.54     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.37    | 0.38    | 3.34    | 1.36       | 125.50  | ppb   |
| Uranium    | 238-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.05    | 0.05       | 12.38   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 206.40  | 201.57  | 205.34  | 204.44     | 1.24    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.03    | 0.03       | 15.24   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-24             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-24-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:55:09  | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.03    | 0.02       | 40.78   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-25 Instrumnet Name : P8  
 Client Sample ID : DC20894-25-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:58:16 DataFile Name : 075SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 29.88   | 33.66   | 19.76   | 27.77      | 25.89   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.06    | 0.05       | 16.36   | ppb   |
| Arsenic    | 75-2  | 0.38    | 0.24    | 0.25    | 0.29       | 26.97   | ppb   |
| Barium     | 135-1 | 17.84   | 17.56   | 17.33   | 17.58      | 1.45    | ppb   |
| Barium     | 137-1 | 17.62   | 17.39   | 17.43   | 17.48      | 0.71    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.06   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.50    | 3.98    | 3.80    | 3.76       | 6.40    | ppb   |
| Boron      | 11-1  | 4.04    | 3.79    | 3.74    | 3.86       | 4.13    | ppb   |
| Cadmium    | 111-1 | -0.17   | -0.14   | -0.17   | -0.16      |         | ppb   |
| Cadmium    | 106-1 | -2.20   | -1.89   | -2.27   | -2.12      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | -0.03   | -0.06   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 4421.81 | 4413.20 | 4467.25 | 4434.09    | 0.65    | ppb   |
| Calcium    | 44-1  | 4585.37 | 4512.48 | 4605.87 | 4567.91    | 1.07    | ppb   |
| Chromium   | 52-2  | 0.05    | -0.06   | 0.02    | 0.00       | 1734.05 | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.05   | -0.05   | -0.04      |         | ppb   |
| Copper     | 63-2  | 191.14  | 178.67  | 177.19  | 182.33     | 4.20    | 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  | 31.66   | 28.98   | 30.47   | 30.37      | 4.42    | ppb   |
| Iron       | 57-2  | 32.93   | 30.91   | 34.76   | 32.87      | 5.86    | ppb   |
| Lead       | 206-1 | 3.47    | 3.56    | 3.46    | 3.50       | 1.43    | ppb   |
| Lead       | 207-1 | 3.24    | 3.32    | 3.27    | 3.28       | 1.26    | ppb   |
| Lead       | 208-1 | 3.38    | 3.46    | 3.40    | 3.41       | 1.27    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1096.09 | 1042.25 | 1013.11 | 1050.48    | 4.01    | ppb   |
| Manganese  | 55-2  | 20.14   | 18.86   | 19.09   | 19.36      | 3.51    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-25             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-25-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:58:16  | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.01    | 0.00       | 329.35  | ppb   |
| Molybdenum | 95-1  | -0.02   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.00    | 0.01       | 84.81   | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.03   | -0.06   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.29    | 3.86    | 3.99    | 4.05       | 5.49    | ppb   |
| Phosphorus | 31-2  | 754.26  | 790.70  | 738.08  | 761.01     | 3.54    | ppb   |
| Potassium  | 39-2  | 489.98  | 455.46  | 431.17  | 458.87     | 6.44    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.86    | -0.96   | 1.74    | 0.88       | 181.09  | ppb   |
| Selenium   | 78-2  | -0.21   | -0.26   | -0.68   | -0.38      |         | ppb   |
| Selenium   | 82-1  | -0.16   | 0.71    | -0.36   | 0.06       | 888.53  | ppb   |
| Silicon    | 28-1  | 968.57  | 975.95  | 1003.89 | 982.80     | 1.90    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.03    | 0.02       | 75.34   | ppb   |
| Silver     | 107-1 | 0.12    | 0.02    | 0.01    | 0.05       | 131.89  | ppb   |
| Sodium     | 23-2  | 9865.21 | 9306.34 | 9093.51 | 9421.69    | 4.23    | ppb   |
| Strontium  | 86-1  | 18.28   | 18.60   | 18.48   | 18.45      | 0.89    | ppb   |
| Strontium  | 88-1  | 18.97   | 18.77   | 18.78   | 18.84      | 0.61    | ppb   |
| Sulfur     | 34-1  | 59.85   | -8.68   | 353.74  | 134.97     | 142.65  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.01   | -0.04   | 0.02    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.41    | 0.35    | 0.38    | 0.38       | 8.08    | ppb   |
| Uranium    | 238-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.03    | 0.03    | 0.03       | 16.13   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 153.39  | 141.76  | 140.74  | 145.30     | 4.84    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.02    | 0.03       | 22.16   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-25             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-25-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:58:16  | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.05    | 0.04       | 34.42   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:01:23 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.27    | -0.58   | 0.27    | -0.01      |         | ppb   |
| Antimony   | 121-1 | 0.01    | 0.00    | 0.00    | 0.00       | 72.13   | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.07   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.07   | -0.04   | -0.05      |         | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.64    | 0.62    | 1.11    | 1.12       | 45.20   | ppb   |
| Boron      | 11-1  | 0.86    | 0.84    | 0.81    | 0.84       | 2.81    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.17   | -0.09   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.09   | -2.00   | -0.90   | -1.33      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.11   | -0.11   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 19.57   | 11.14   | 14.56   | 15.09      | 28.10   | ppb   |
| Calcium    | 44-1  | 13.25   | 5.89    | 7.02    | 8.72       | 45.43   | ppb   |
| Chromium   | 52-2  | -0.02   | -0.04   | 0.00    | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Copper     | 63-2  | -0.06   | -0.02   | -0.02   | -0.04      |         | 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  | 0.41    | 0.24    | 0.23    | 0.29       | 36.39   | ppb   |
| Iron       | 57-2  | -0.14   | 0.19    | -0.86   | -0.27      |         | ppb   |
| Lead       | 206-1 | 489.03  | 488.38  | 483.59  | 487.00     | 0.61    | ppb   |
| Lead       | 207-1 | 491.48  | 496.87  | 490.83  | 493.06     | 0.67    | ppb   |
| Lead       | 208-1 | 492.57  | 496.91  | 492.11  | 493.87     | 0.54    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.75   | 0.52    | -0.76   | -0.33      |         | ppb   |
| Manganese  | 55-2  | -0.02   | -0.03   | -0.05   | -0.03      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:01:23 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.07   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.15   | -0.15   | -0.12   | -0.14      |         | ppb   |
| Phosphorus | 31-2  | -22.44  | -9.80   | -10.16  | -14.14     |         | ppb   |
| Potassium  | 39-2  | -1.56   | -10.51  | -11.36  | -7.81      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.65   | 0.77    | -0.19   | -0.02      |         | ppb   |
| Selenium   | 82-1  | -0.60   | 0.37    | 0.79    | 0.19       | 374.97  | ppb   |
| Silicon    | 28-1  | -15.79  | -16.50  | -19.02  | -17.10     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 1265.74 | ppb   |
| Sodium     | 23-2  | 2.74    | 6.96    | 0.93    | 3.54       | 87.29   | ppb   |
| Strontium  | 86-1  | 0.06    | 0.01    | 0.03    | 0.03       | 70.06   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -191.49 | -297.91 | -640.67 | -376.69    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.28    | 0.30    | 0.25    | 0.28       | 8.98    | ppb   |
| Titanium   | 47-1  | 0.01    | -0.01   | 0.02    | 0.01       | 229.72  | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.16    | 0.12    | 0.12    | 0.13       | 20.60   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 326.04  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:01:23 | DataFile Name :   | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.00    | 0.01       | 49.37   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:04:34 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.76    | 3.58    | 1.91    | 2.75       | 30.38   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 826.64  | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.04   | 0.03    | 0.00       |         | ppb   |
| Barium     | 135-1 | -0.06   | -0.09   | -0.10   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.08   | -0.09   | -0.07   | -0.08      |         | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.06   | -0.08   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.57    | 0.19    | 0.81    | 0.52       | 60.58   | ppb   |
| Boron      | 11-1  | 0.51    | 0.30    | 0.21    | 0.34       | 46.44   | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.08   | -0.18   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -0.99   | -0.73   | -2.17   | -1.30      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 22.73   | 23.66   | 4.44    | 16.94      | 63.98   | ppb   |
| Calcium    | 44-1  | 14.81   | 3.65    | 4.28    | 7.58       | 82.64   | ppb   |
| Chromium   | 52-2  | -0.05   | -0.03   | -0.12   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | -0.06   | -0.07   | -0.07   | -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  | 0.20    | 0.16    | -0.10   | 0.09       | 188.16  | ppb   |
| Iron       | 57-2  | -0.21   | 0.00    | -1.15   | -0.45      |         | ppb   |
| Lead       | 206-1 | -0.03   | -0.05   | -0.02   | -0.04      |         | ppb   |
| Lead       | 207-1 | -0.03   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.04   | -0.06   | -0.04   | -0.04      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.45   | -0.80   | -1.47   | -0.91      |         | ppb   |
| Manganese  | 55-2  | -0.08   | -0.10   | -0.07   | -0.08      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:04:34 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.14   | -0.17   | -0.16   | -0.16      |         | ppb   |
| Phosphorus | 31-2  | -10.34  | 25.79   | 1.62    | 5.69       | 323.53  | ppb   |
| Potassium  | 39-2  | -5.25   | -12.26  | -11.59  | -9.70      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.65   | -0.66   | -0.19   | -0.50      |         | ppb   |
| Selenium   | 82-1  | 0.23    | -0.69   | 0.37    | -0.03      |         | ppb   |
| Silicon    | 28-1  | -8.53   | -16.63  | -18.41  | -14.52     |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 77.15   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.00       | 87.18   | ppb   |
| Sodium     | 23-2  | 4.03    | 0.90    | -1.45   | 1.16       | 236.67  | ppb   |
| Strontium  | 86-1  | 0.16    | -0.02   | 0.03    | 0.05       | 171.48  | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | 888.17  | -232.79 | -226.72 | 142.88     | 451.73  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.03    | 0.01    | -0.05   | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.34   | -0.39   | -0.30   | -0.34      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:04:34 | DataFile Name :   | 077SMPL.d |

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

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-26 Instrumnet Name : P8  
 Client Sample ID : DC20894-26-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:07:44 DataFile Name : 078SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 44.94   | 36.05   | 16.83   | 32.61      | 44.06   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.05    | 0.06       | 10.29   | ppb   |
| Arsenic    | 75-2  | 0.16    | 0.21    | 0.37    | 0.25       | 44.06   | ppb   |
| Barium     | 135-1 | 17.94   | 16.57   | 17.43   | 17.32      | 4.01    | ppb   |
| Barium     | 137-1 | 17.41   | 17.37   | 17.60   | 17.46      | 0.71    | ppb   |
| Beryllium  | 9-1   | -0.10   | -0.07   | -0.05   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.73    | 4.73    | 3.72    | 4.06       | 14.27   | ppb   |
| Boron      | 11-1  | 3.89    | 3.92    | 3.75    | 3.85       | 2.28    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.06   | -0.09   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.67   | -0.63   | -1.06   | -1.12      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.03   | 0.00    | 0.00       |         | ppb   |
| Calcium    | 43-1  | 4497.05 | 4427.86 | 4450.81 | 4458.57    | 0.79    | ppb   |
| Calcium    | 44-1  | 4626.93 | 4554.22 | 4533.20 | 4571.45    | 1.08    | ppb   |
| Chromium   | 52-2  | -0.09   | -0.07   | -0.05   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Copper     | 63-2  | 163.89  | 163.45  | 165.38  | 164.24     | 0.61    | 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  | 33.45   | 34.97   | 36.21   | 34.88      | 3.96    | ppb   |
| Iron       | 57-2  | 34.87   | 35.70   | 36.32   | 35.63      | 2.04    | ppb   |
| Lead       | 206-1 | 2.96    | 3.05    | 3.00    | 3.00       | 1.61    | ppb   |
| Lead       | 207-1 | 2.74    | 2.83    | 2.74    | 2.77       | 1.81    | ppb   |
| Lead       | 208-1 | 2.84    | 2.89    | 2.84    | 2.86       | 0.95    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1044.15 | 1038.89 | 1048.35 | 1043.80    | 0.45    | ppb   |
| Manganese  | 55-2  | 18.36   | 17.46   | 18.84   | 18.22      | 3.85    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-26             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-26-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:07:44  | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.00    | 0.01    | 0.01       | 133.68  | ppb   |
| Molybdenum | 95-1  | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.01    | 0.02       | 32.72   | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.46    | 3.34    | 3.53    | 3.44       | 2.85    | ppb   |
| Phosphorus | 31-2  | 570.95  | 554.46  | 666.80  | 597.40     | 10.15   | ppb   |
| Potassium  | 39-2  | 430.56  | 427.97  | 448.46  | 435.67     | 2.56    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.68   | 0.18    | 0.18    | -0.11      |         | ppb   |
| Selenium   | 82-1  | 0.48    | -0.07   | 0.74    | 0.38       | 107.51  | ppb   |
| Silicon    | 28-1  | 977.61  | 953.48  | 969.91  | 967.00     | 1.27    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 21.89   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.01    | 0.01       | 46.47   | ppb   |
| Sodium     | 23-2  | 9212.41 | 9280.81 | 9408.68 | 9300.63    | 1.07    | ppb   |
| Strontium  | 86-1  | 18.85   | 18.06   | 18.52   | 18.47      | 2.16    | ppb   |
| Strontium  | 88-1  | 18.93   | 18.60   | 18.67   | 18.73      | 0.94    | ppb   |
| Sulfur     | 34-1  | 244.84  | 403.04  | 518.42  | 388.77     | 35.33   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.02   | 0.00    | -0.03   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.39    | 0.32    | 0.35    | 0.35       | 10.50   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.04    | 0.05    | 0.05       | 19.48   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 129.66  | 131.39  | 133.96  | 131.67     | 1.64    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.02    | 0.02       | 20.06   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-26             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-26-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:07:44  | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.02    | 0.04    | 0.04       | 33.82   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-27 Instrumnet Name : P8  
 Client Sample ID : DC20894-27-FL1-HA-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:10:51 DataFile Name : 079SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 29.56   | 23.12   | 18.69   | 23.79      | 22.98   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.05    | 0.04    | 0.06       | 25.59   | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.22    | 0.24    | 0.21       | 15.96   | ppb   |
| Barium     | 135-1 | 18.86   | 19.03   | 18.78   | 18.89      | 0.69    | ppb   |
| Barium     | 137-1 | 18.69   | 19.13   | 18.86   | 18.90      | 1.18    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.29    | 3.66    | 3.64    | 3.86       | 9.55    | ppb   |
| Boron      | 11-1  | 3.84    | 3.90    | 4.03    | 3.92       | 2.41    | ppb   |
| Cadmium    | 111-1 | -0.18   | -0.13   | -0.14   | -0.15      |         | ppb   |
| Cadmium    | 106-1 | -2.27   | -1.60   | -1.58   | -1.82      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.03   | 0.03    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 4530.61 | 4490.52 | 4452.08 | 4491.07    | 0.87    | ppb   |
| Calcium    | 44-1  | 4649.45 | 4611.48 | 4561.21 | 4607.38    | 0.96    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.06   | -0.05   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 138.53  | 137.05  | 140.24  | 138.61     | 1.15    | 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  | 16.37   | 16.36   | 16.60   | 16.44      | 0.82    | ppb   |
| Iron       | 57-2  | 13.18   | 13.77   | 16.94   | 14.63      | 13.81   | ppb   |
| Lead       | 206-1 | 0.33    | 0.33    | 0.37    | 0.34       | 6.94    | ppb   |
| Lead       | 207-1 | 0.28    | 0.28    | 0.32    | 0.29       | 8.65    | ppb   |
| Lead       | 208-1 | 0.31    | 0.32    | 0.34    | 0.32       | 4.53    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1055.63 | 1063.25 | 1062.20 | 1060.36    | 0.39    | ppb   |
| Manganese  | 55-2  | 9.03    | 9.65    | 9.80    | 9.49       | 4.32    | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-27 Instrumnet Name : P8  
 Client Sample ID : DC20894-27-FL1-HA-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:10:51 DataFile Name : 079SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.02    | 0.01       | 46.43   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | 45.05   | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.04   | 0.00    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.00    | 0.00       | 72.09   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.60    | 0.73    | 0.76    | 0.70       | 12.06   | ppb   |
| Phosphorus | 31-2  | 679.63  | 619.53  | 746.43  | 681.86     | 9.31    | ppb   |
| Potassium  | 39-2  | 440.18  | 464.48  | 452.04  | 452.23     | 2.69    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 0.17    | 0.19    | -0.25   | 0.04       | 693.67  | ppb   |
| Selenium   | 82-1  | 0.36    | -0.07   | -0.22   | 0.03       | 1192.88 | ppb   |
| Silicon    | 28-1  | 978.35  | 984.50  | 969.86  | 977.57     | 0.75    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.01       | 71.39   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.01       | 57.68   | ppb   |
| Sodium     | 23-2  | 9353.22 | 9235.91 | 9412.43 | 9333.85    | 0.96    | ppb   |
| Strontium  | 86-1  | 19.18   | 19.50   | 18.82   | 19.17      | 1.79    | ppb   |
| Strontium  | 88-1  | 19.33   | 19.52   | 19.26   | 19.37      | 0.71    | ppb   |
| Sulfur     | 34-1  | 197.44  | 353.21  | 368.34  | 306.33     | 30.88   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.05   | 0.00    | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.32    | 0.22    | 0.28    | 0.28       | 17.20   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.02    | 0.00    | 0.02       | 81.49   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 53.71   | 54.42   | 55.57   | 54.57      | 1.72    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.02    | 0.02       | 17.28   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-27             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-27-FL1-HA-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:10:51  | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.01    | 0.03       | 52.87   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-28 Instrumnet Name : P8  
 Client Sample ID : DC20894-28-FL1-HA-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:13:59 DataFile Name : 080SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 46.06   | 53.27   | 390.21  | 163.18     | 120.51  | ppb   |
| Antimony   | 121-1 | 0.07    | 0.06    | 0.06    | 0.06       | 9.25    | ppb   |
| Arsenic    | 75-2  | 0.12    | 0.30    | 2.21    | 0.88       | 132.31  | ppb   |
| Barium     | 135-1 | 20.19   | 20.22   | 19.81   | 20.08      | 1.15    | ppb   |
| Barium     | 137-1 | 20.23   | 20.60   | 20.34   | 20.39      | 0.95    | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.09   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.55    | 4.81    | 4.34    | 4.23       | 15.10   | ppb   |
| Boron      | 11-1  | 4.20    | 4.15    | 4.27    | 4.20       | 1.43    | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.15   | -0.16   | -0.15      |         | ppb   |
| Cadmium    | 106-1 | -1.80   | -1.93   | -1.81   | -1.85      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.09   | -0.11   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 4478.72 | 4504.08 | 4501.46 | 4494.75    | 0.31    | ppb   |
| Calcium    | 44-1  | 4560.87 | 4624.26 | 4567.90 | 4584.34    | 0.76    | ppb   |
| Chromium   | 52-2  | -0.09   | -0.09   | 3.65    | 1.16       | 187.12  | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | 0.31    | 0.09       | 220.47  | ppb   |
| Copper     | 63-2  | 89.60   | 93.24   | 602.08  | 261.64     | 112.69  | 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  | 20.63   | 18.81   | 142.65  | 60.69      | 116.95  | ppb   |
| Iron       | 57-2  | 19.53   | 24.31   | 143.48  | 62.44      | 112.46  | ppb   |
| Lead       | 206-1 | 0.47    | 0.46    | 0.48    | 0.47       | 2.79    | ppb   |
| Lead       | 207-1 | 0.40    | 0.39    | 0.37    | 0.38       | 4.36    | ppb   |
| Lead       | 208-1 | 0.42    | 0.43    | 0.42    | 0.42       | 1.43    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1002.28 | 1054.27 | 6593.91 | 2883.49    | 111.44  | ppb   |
| Manganese  | 55-2  | 10.96   | 11.53   | 72.77   | 31.75      | 111.87  | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-28             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-28-FL1-HA-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:13:59  | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.01     | 0.01       | 131.62  | ppb   |
| Molybdenum | 95-1  | -0.02   | 0.00    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.00     | 0.01       | 141.57  | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.04   | -0.04    | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01   | 0.00     | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 0.36    | 0.33    | 3.38     | 1.36       | 129.04  | ppb   |
| Phosphorus | 31-2  | 565.63  | 529.21  | 3505.00  | 1533.28    | 111.37  | ppb   |
| Potassium  | 39-2  | 452.11  | 467.74  | 3670.68  | 1530.18    | 121.15  | ppb   |
| Rhodium    | 103-1 |         |         |          |            |         | %     |
| Rhodium    | 103-2 |         |         |          |            |         | %     |
| Scandium   | 45-1  |         |         |          |            |         | %     |
| Scandium   | 45-2  |         |         |          |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.71    | 20.82    | 7.19       | 165.16  | ppb   |
| Selenium   | 78-2  | -1.11   | 0.17    | 5.84     | 1.64       | 226.21  | ppb   |
| Selenium   | 82-1  | -0.52   | -0.25   | 0.82     | 0.02       | 4598.58 | ppb   |
| Silicon    | 28-1  | 982.38  | 981.13  | 997.42   | 986.98     | 0.92    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00     | 0.01       | 78.75   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00     | 0.01       | 48.23   | ppb   |
| Sodium     | 23-2  | 9183.45 | 9425.35 | 60495.83 | 26368.21   | 112.09  | ppb   |
| Strontium  | 86-1  | 19.51   | 18.88   | 19.15    | 19.18      | 1.67    | ppb   |
| Strontium  | 88-1  | 19.57   | 19.61   | 19.45    | 19.54      | 0.42    | ppb   |
| Sulfur     | 34-1  | 22.28   | 353.03  | 414.37   | 263.23     | 80.12   | ppb   |
| Terbium    | 159-1 |         |         |          |            |         | %     |
| Terbium    | 159-2 |         |         |          |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.05   | -0.05    | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03    | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | -0.04    | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.44    | 0.36    | 0.39     | 0.39       | 10.15   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.05    | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05    | 0.34     | 0.15       | 105.66  | ppb   |
| Yttrium    | 89-1  |         |         |          |            |         | %     |
| Yttrium    | 89-2  |         |         |          |            |         | %     |
| Zinc       | 66-2  | 28.08   | 28.17   | 180.38   | 78.88      | 111.44  | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.01    | 0.02     | 0.02       | 44.75   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-28             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-28-FL1-HA-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:13:59  | DataFile Name :   | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.01    | 0.02       | 43.97   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-29 Instrumnet Name : P8  
 Client Sample ID : DC20894-29-FL1-OF-W4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:17:09 DataFile Name : 081SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 36.16   | 34.62   | 33.40   | 34.73      | 3.98    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.06    | 0.06       | 16.55   | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.29    | 0.22    | 0.23       | 26.60   | ppb   |
| Barium     | 135-1 | 16.99   | 16.25   | 16.24   | 16.49      | 2.61    | ppb   |
| Barium     | 137-1 | 16.11   | 16.36   | 15.77   | 16.08      | 1.87    | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.05   | -0.05   | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.29    | 4.15    | 4.02    | 4.16       | 3.26    | ppb   |
| Boron      | 11-1  | 3.59    | 3.54    | 4.21    | 3.78       | 9.93    | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.01   | -0.04   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -1.72   | -0.86   | -0.78   | -1.12      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.05    | 0.05    | 0.05       | 2.04    | ppb   |
| Calcium    | 43-1  | 4338.80 | 4279.59 | 4369.63 | 4329.34    | 1.06    | ppb   |
| Calcium    | 44-1  | 4421.06 | 4347.38 | 4376.47 | 4381.64    | 0.85    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.07   | -0.07   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 309.90  | 333.77  | 313.07  | 318.91     | 4.07    | 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  | 14.28   | 14.51   | 13.91   | 14.23      | 2.13    | ppb   |
| Iron       | 57-2  | 14.88   | 15.31   | 15.30   | 15.16      | 1.62    | ppb   |
| Lead       | 206-1 | 1.27    | 1.19    | 1.23    | 1.23       | 3.16    | ppb   |
| Lead       | 207-1 | 1.21    | 1.16    | 1.04    | 1.13       | 7.34    | ppb   |
| Lead       | 208-1 | 1.22    | 1.20    | 1.16    | 1.19       | 2.65    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1016.11 | 1093.45 | 1031.06 | 1046.87    | 3.92    | ppb   |
| Manganese  | 55-2  | 8.61    | 10.06   | 9.25    | 9.31       | 7.82    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-29             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-29-FL1-OF-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:17:09  | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.00    | 0.00       | 101.99  | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.01    | 0.01       | 40.12   | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.02    | 0.01       | 38.73   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.35    | 4.33    | 4.27    | 4.31       | 0.97    | ppb   |
| Phosphorus | 31-2  | 510.72  | 682.95  | 654.16  | 615.94     | 14.98   | ppb   |
| Potassium  | 39-2  | 447.40  | 533.40  | 453.61  | 478.14     | 10.03   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.90    | -0.96   | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.26   | -0.20   | -0.68   | -0.38      |         | ppb   |
| Selenium   | 82-1  | -0.03   | 0.16    | 0.29    | 0.14       | 116.43  | ppb   |
| Silicon    | 28-1  | 1045.89 | 1098.38 | 1032.56 | 1058.94    | 3.29    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 20.16   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01    | 0.01       | 14.29   | ppb   |
| Sodium     | 23-2  | 9155.16 | 9736.39 | 9153.15 | 9348.24    | 3.60    | ppb   |
| Strontium  | 86-1  | 18.33   | 18.14   | 18.16   | 18.21      | 0.57    | ppb   |
| Strontium  | 88-1  | 18.29   | 18.26   | 18.31   | 18.29      | 0.14    | ppb   |
| Sulfur     | 34-1  | 197.88  | -88.38  | -57.51  | 17.33      | 906.59  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.21    | 0.27    | 0.20    | 0.23       | 16.21   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.05    | 0.01    | 0.03       | 59.09   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 660.55  | 701.19  | 666.51  | 676.08     | 3.25    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 20.09   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-29             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-29-FL1-OF-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:17:09  | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.02    | 0.02       | 42.71   | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-30 Instrumnet Name : P8  
 Client Sample ID : DC20894-30-FL1-OF-W4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:20:16 DataFile Name : 082SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 942.48  | 1002.04 | 925.22  | 956.58     | 4.21    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.06    | 0.07       | 5.52    | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.40    | 0.19    | 0.27       | 42.97   | ppb   |
| Barium     | 135-1 | 24.74   | 24.70   | 25.39   | 24.94      | 1.54    | ppb   |
| Barium     | 137-1 | 24.76   | 24.92   | 26.15   | 25.28      | 3.01    | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.04   | -0.07   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.58    | 4.46    | 4.59    | 4.21       | 13.10   | ppb   |
| Boron      | 11-1  | 4.25    | 4.55    | 5.05    | 4.62       | 8.73    | ppb   |
| Cadmium    | 111-1 | -0.17   | -0.15   | -0.11   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -2.16   | -1.76   | -1.53   | -1.82      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.00    | -0.08   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 4465.02 | 4456.29 | 4811.64 | 4577.65    | 4.43    | ppb   |
| Calcium    | 44-1  | 4525.88 | 4522.39 | 4930.52 | 4659.60    | 5.04    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.06   | -0.08   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.05    | 0.04    | 0.04       | 19.58   | ppb   |
| Copper     | 63-2  | 380.18  | 380.48  | 377.90  | 379.52     | 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  | 80.79   | 79.58   | 81.17   | 80.51      | 1.03    | ppb   |
| Iron       | 57-2  | 91.08   | 87.34   | 77.78   | 85.40      | 8.03    | ppb   |
| Lead       | 206-1 | 2.91    | 2.97    | 3.08    | 2.99       | 3.00    | ppb   |
| Lead       | 207-1 | 2.63    | 2.83    | 2.91    | 2.79       | 5.29    | ppb   |
| Lead       | 208-1 | 2.83    | 2.86    | 3.04    | 2.91       | 3.94    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1061.09 | 1035.42 | 1027.75 | 1041.42    | 1.68    | ppb   |
| Manganese  | 55-2  | 30.59   | 30.61   | 29.81   | 30.34      | 1.51    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-30 Instrumnet Name : P8  
 Client Sample ID : DC20894-30-FL1-OF-W4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:20:16 DataFile Name : 082SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.04    | 0.06    | 0.05       | 20.60   | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.02    | 0.01       | 49.38   | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.07   | -0.01   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.01    | 0.01       | 65.37   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.37    | 0.45    | 0.50    | 0.44       | 14.56   | ppb   |
| Phosphorus | 31-2  | 871.60  | 776.77  | 949.09  | 865.82     | 9.97    | ppb   |
| Potassium  | 39-2  | 432.84  | 449.99  | 454.90  | 445.91     | 2.60    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.68    | -0.96   | -0.08      |         | ppb   |
| Selenium   | 78-2  | -1.11   | 0.58    | -1.11   | -0.55      |         | ppb   |
| Selenium   | 82-1  | 0.03    | 0.41    | 0.04    | 0.16       | 138.60  | ppb   |
| Silicon    | 28-1  | 1037.07 | 1013.23 | 1097.11 | 1049.14    | 4.12    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.01    | 0.02       | 15.32   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.03    | 0.02       | 36.63   | ppb   |
| Sodium     | 23-2  | 9116.08 | 9386.27 | 9278.39 | 9260.25    | 1.47    | ppb   |
| Strontium  | 86-1  | 19.14   | 19.30   | 20.09   | 19.51      | 2.59    | ppb   |
| Strontium  | 88-1  | 19.56   | 19.52   | 20.87   | 19.99      | 3.83    | ppb   |
| Sulfur     | 34-1  | -50.38  | 69.90   | 742.52  | 254.01     | 168.22  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Tin        | 118-1 | 0.90    | 0.89    | 0.96    | 0.91       | 4.11    | ppb   |
| Titanium   | 47-1  | 0.65    | 0.83    | 1.12    | 0.87       | 27.58   | ppb   |
| Uranium    | 238-1 | 0.04    | 0.03    | 0.03    | 0.04       | 21.76   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.05    | 0.11    | 0.08       | 35.27   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 108.41  | 108.67  | 108.91  | 108.66     | 0.23    | ppb   |
| Zirconium  | 90-1  | 0.08    | 0.07    | 0.09    | 0.08       | 12.57   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-30             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-30-FL1-OF-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:20:16  | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.08    | 0.10    | 0.09       | 11.68   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-31 Instrumnet Name : P8  
 Client Sample ID : DC20894-31-FL1-BRA3-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:23:25 DataFile Name : 083SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 28.53   | 25.10   | 32.38   | 28.67      | 12.71   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.07    | 0.05    | 0.06       | 19.26   | ppb   |
| Arsenic    | 75-2  | 0.15    | 0.19    | 0.26    | 0.20       | 26.71   | ppb   |
| Barium     | 135-1 | 18.90   | 19.20   | 18.29   | 18.80      | 2.46    | ppb   |
| Barium     | 137-1 | 19.32   | 19.21   | 18.67   | 19.07      | 1.84    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.52    | 4.61    | 3.74    | 4.29       | 11.18   | ppb   |
| Boron      | 11-1  | 3.83    | 4.35    | 4.63    | 4.27       | 9.53    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.15   | -0.21   | -0.15      |         | ppb   |
| Cadmium    | 106-1 | -1.15   | -1.64   | -2.52   | -1.77      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.15    | 0.08    | 0.08       | 71.98   | ppb   |
| Calcium    | 43-1  | 4482.81 | 4697.15 | 4482.94 | 4554.30    | 2.72    | ppb   |
| Calcium    | 44-1  | 4632.70 | 4804.90 | 4638.08 | 4691.89    | 2.09    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 79.59   | 77.86   | 76.99   | 78.15      | 1.69    | 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  | 22.52   | 18.48   | 18.91   | 19.97      | 11.12   | ppb   |
| Iron       | 57-2  | 19.78   | 14.15   | 24.46   | 19.46      | 26.53   | ppb   |
| Lead       | 206-1 | 0.53    | 0.56    | 0.53    | 0.54       | 3.63    | ppb   |
| Lead       | 207-1 | 0.58    | 0.49    | 0.44    | 0.51       | 14.31   | ppb   |
| Lead       | 208-1 | 0.51    | 0.50    | 0.49    | 0.50       | 2.20    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1130.08 | 1115.28 | 1095.88 | 1113.75    | 1.54    | ppb   |
| Manganese  | 55-2  | 12.55   | 12.48   | 11.86   | 12.30      | 3.07    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-31              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-31-FL1-BRA3-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:23:25   | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 9.92    | ppb   |
| Molybdenum | 95-1  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.06   | -0.03   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.99    | 1.05    | 0.97    | 1.00       | 3.83    | ppb   |
| Phosphorus | 31-2  | 696.79  | 564.77  | 678.41  | 646.66     | 11.06   | ppb   |
| Potassium  | 39-2  | 459.27  | 461.97  | 440.52  | 453.92     | 2.57    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.25   | -0.25   | -0.26   | -0.26      |         | ppb   |
| Selenium   | 82-1  | 0.34    | 0.15    | 0.67    | 0.39       | 68.22   | ppb   |
| Silicon    | 28-1  | 985.27  | 1017.27 | 973.19  | 991.91     | 2.30    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 394.52  | ppb   |
| Sodium     | 23-2  | 9325.58 | 9062.68 | 9157.54 | 9181.93    | 1.45    | ppb   |
| Strontium  | 86-1  | 19.04   | 19.75   | 18.72   | 19.17      | 2.76    | ppb   |
| Strontium  | 88-1  | 19.56   | 20.04   | 18.93   | 19.51      | 2.85    | ppb   |
| Sulfur     | 34-1  | 329.75  | 737.70  | 382.27  | 483.24     | 45.92   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.02   | 0.03    | 0.00    | 0.00       | 629.67  | ppb   |
| Titanium   | 47-1  | 0.27    | 0.29    | 0.20    | 0.25       | 17.78   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.06    | 0.00    | 0.02       | 120.45  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 525.90  | 517.21  | 508.76  | 517.29     | 1.66    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 6.51    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-31              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-31-FL1-BRA3-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:23:25   | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.01    | 0.03    | 0.05       | 93.25   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-32 Instrumnet Name : P8  
 Client Sample ID : DC20894-32-FL1-BRA3-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:26:32 DataFile Name : 084SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 74.34   | 57.95   | 58.25   | 63.51      | 14.76   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.07    | 0.07       | 1.42    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.26    | 0.25    | 0.24       | 9.05    | ppb   |
| Barium     | 135-1 | 20.44   | 20.10   | 21.64   | 20.73      | 3.89    | ppb   |
| Barium     | 137-1 | 20.14   | 19.95   | 20.69   | 20.26      | 1.89    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.09   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.36    | 4.35    | 5.14    | 4.28       | 20.82   | ppb   |
| Boron      | 11-1  | 4.26    | 4.49    | 4.51    | 4.42       | 3.20    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.06   | -0.15   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.62   | -0.46   | -1.60   | -1.23      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.11   | 0.15    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 4457.37 | 4390.72 | 4648.32 | 4498.81    | 2.97    | ppb   |
| Calcium    | 44-1  | 4555.79 | 4502.25 | 4749.39 | 4602.47    | 2.82    | ppb   |
| Chromium   | 52-2  | 0.06    | -0.09   | -0.10   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 81.38   | 77.90   | 77.20   | 78.83      | 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  | 20.53   | 19.82   | 19.64   | 20.00      | 2.34    | ppb   |
| Iron       | 57-2  | 23.76   | 21.96   | 18.97   | 21.57      | 11.21   | ppb   |
| Lead       | 206-1 | 0.40    | 0.46    | 0.41    | 0.43       | 7.64    | ppb   |
| Lead       | 207-1 | 0.31    | 0.38    | 0.38    | 0.36       | 10.97   | ppb   |
| Lead       | 208-1 | 0.38    | 0.42    | 0.42    | 0.41       | 6.25    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1062.16 | 1037.25 | 1027.42 | 1042.28    | 1.72    | ppb   |
| Manganese  | 55-2  | 10.92   | 11.00   | 11.16   | 11.03      | 1.13    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-32 Instrumnet Name : P8  
 Client Sample ID : DC20894-32-FL1-BRA3-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:26:32 DataFile Name : 084SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.00    | 0.01       | 106.91  | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.01    | 0.01       | 64.08   | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.30    | 0.26    | 0.24    | 0.27       | 11.89   | ppb   |
| Phosphorus | 31-2  | 568.47  | 623.07  | 696.59  | 629.38     | 10.22   | ppb   |
| Potassium  | 39-2  | 481.51  | 455.90  | 473.12  | 470.17     | 2.78    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.73    | -0.96   | 1.71    | 0.83       | 187.07  | ppb   |
| Selenium   | 78-2  | 0.61    | 0.18    | -0.68   | 0.04       | 1792.62 | ppb   |
| Selenium   | 82-1  | 0.35    | 0.14    | 0.88    | 0.46       | 84.01   | ppb   |
| Silicon    | 28-1  | 994.17  | 988.24  | 1036.49 | 1006.30    | 2.61    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 19.08   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 32.99   | ppb   |
| Sodium     | 23-2  | 9713.09 | 9143.55 | 9255.31 | 9370.65    | 3.22    | ppb   |
| Strontium  | 86-1  | 18.87   | 18.88   | 19.82   | 19.19      | 2.84    | ppb   |
| Strontium  | 88-1  | 19.41   | 19.39   | 20.26   | 19.69      | 2.54    | ppb   |
| Sulfur     | 34-1  | 89.97   | -62.71  | 651.67  | 226.31     | 166.23  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | 0.01    | 0.01    | 0.00    | 0.01       | 54.34   | ppb   |
| Titanium   | 47-1  | 0.36    | 0.36    | 0.79    | 0.51       | 48.62   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.04    | 0.06    | 0.05       | 17.70   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 42.54   | 40.34   | 41.06   | 41.31      | 2.72    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 14.93   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-32              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-32-FL1-BRA3-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:26:32   | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.03    | 0.03       | 36.71   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-33 Instrumnet Name : P8  
 Client Sample ID : DC20894-33-FL1-CL1-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:29:41 DataFile Name : 085SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.92    | 15.05   | 14.27   | 12.41      | 31.50   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.06    | 0.06       | 11.17   | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.24    | 0.23    | 0.23       | 4.62    | ppb   |
| Barium     | 135-1 | 18.50   | 18.85   | 18.14   | 18.50      | 1.93    | ppb   |
| Barium     | 137-1 | 19.08   | 18.66   | 18.63   | 18.79      | 1.32    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.08   | -0.09   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.26    | 3.04    | 3.89    | 3.40       | 12.93   | ppb   |
| Boron      | 11-1  | 3.66    | 4.06    | 3.99    | 3.91       | 5.46    | ppb   |
| Cadmium    | 111-1 | -0.16   | -0.09   | -0.11   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -2.10   | -1.00   | -1.26   | -1.45      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | -0.06   | -0.08   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 4597.89 | 4473.97 | 4377.89 | 4483.25    | 2.46    | ppb   |
| Calcium    | 44-1  | 4717.66 | 4578.13 | 4574.92 | 4623.57    | 1.76    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.04   | -0.08   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Copper     | 63-2  | 121.34  | 123.78  | 124.17  | 123.10     | 1.24    | 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  | 14.26   | 15.00   | 15.47   | 14.91      | 4.07    | ppb   |
| Iron       | 57-2  | 11.89   | 18.11   | 13.58   | 14.52      | 22.13   | ppb   |
| Lead       | 206-1 | 0.50    | 0.62    | 0.68    | 0.60       | 15.04   | ppb   |
| Lead       | 207-1 | 0.60    | 0.51    | 0.53    | 0.55       | 8.64    | ppb   |
| Lead       | 208-1 | 0.57    | 0.59    | 0.62    | 0.59       | 4.51    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1067.96 | 1051.09 | 1066.27 | 1061.77    | 0.87    | ppb   |
| Manganese  | 55-2  | 10.25   | 10.42   | 10.10   | 10.26      | 1.58    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-33 Instrumnet Name : P8  
 Client Sample ID : DC20894-33-FL1-CL1-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:29:41 DataFile Name : 085SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | 62.13   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.00    | 0.00       | 119.80  | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.04   | -0.07   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.24    | 2.18    | 2.33    | 2.25       | 3.25    | ppb   |
| Phosphorus | 31-2  | 751.19  | 839.24  | 612.59  | 734.34     | 15.56   | ppb   |
| Potassium  | 39-2  | 450.40  | 456.11  | 436.22  | 447.58     | 2.29    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.27   | -0.69   | -0.69   | -0.55      |         | ppb   |
| Selenium   | 82-1  | 0.15    | -0.40   | -0.36   | -0.20      |         | ppb   |
| Silicon    | 28-1  | 985.01  | 973.00  | 982.22  | 980.08     | 0.64    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.00    | 0.01       | 65.35   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01    | 0.01       | 53.20   | ppb   |
| Sodium     | 23-2  | 9213.34 | 9465.51 | 9471.03 | 9383.29    | 1.57    | ppb   |
| Strontium  | 86-1  | 19.55   | 18.92   | 18.85   | 19.11      | 2.02    | ppb   |
| Strontium  | 88-1  | 19.64   | 19.16   | 19.20   | 19.33      | 1.39    | ppb   |
| Sulfur     | 34-1  | 309.27  | -110.58 | -5.66   | 64.34      | 339.59  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.07   | -0.07   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.47    | 0.36    | 0.33    | 0.39       | 18.33   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.05    | 0.04    | 0.04       | 8.64    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 82.23   | 80.91   | 82.03   | 81.72      | 0.87    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 14.67   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-33             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-33-FL1-CL1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:29:41  | DataFile Name :   | 085SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 17.08   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-34 Instrumnet Name : P8  
 Client Sample ID : DC20894-34-FL1-CL1-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:32:50 DataFile Name : 086SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.11   | 10.26   | 19.73   | 16.37      | 32.34   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.05    | 0.07    | 0.06       | 11.37   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.20    | 0.18    | 0.21       | 18.91   | ppb   |
| Barium     | 135-1 | 18.27   | 18.67   | 18.44   | 18.46      | 1.09    | ppb   |
| Barium     | 137-1 | 18.71   | 18.72   | 18.41   | 18.62      | 0.96    | ppb   |
| Beryllium  | 9-1   | -0.05   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.38    | 3.38    | 4.10    | 3.95       | 13.05   | ppb   |
| Boron      | 11-1  | 3.90    | 4.32    | 3.66    | 3.96       | 8.40    | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.09   | -0.17   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -0.85   | -1.00   | -2.19   | -1.35      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.06   | -0.03   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4473.82 | 4524.34 | 4370.21 | 4456.12    | 1.76    | ppb   |
| Calcium    | 44-1  | 4625.71 | 4660.37 | 4610.38 | 4632.15    | 0.55    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.18   | -0.05   | -0.09      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Copper     | 63-2  | 157.59  | 154.65  | 151.12  | 154.46     | 2.10    | 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  | 15.24   | 28.22   | 15.62   | 19.69      | 37.50   | ppb   |
| Iron       | 57-2  | 13.71   | 14.71   | 13.75   | 14.06      | 4.01    | ppb   |
| Lead       | 206-1 | 0.57    | 0.57    | 0.54    | 0.56       | 3.80    | ppb   |
| Lead       | 207-1 | 0.50    | 0.49    | 0.46    | 0.48       | 4.01    | ppb   |
| Lead       | 208-1 | 0.52    | 0.51    | 0.51    | 0.51       | 0.58    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1054.35 | 1058.33 | 1044.05 | 1052.24    | 0.70    | ppb   |
| Manganese  | 55-2  | 8.74    | 9.96    | 9.05    | 9.25       | 6.86    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-34 Instrumnet Name : P8  
 Client Sample ID : DC20894-34-FL1-CL1-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:32:50 DataFile Name : 086SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.00    | 0.00       | 461.83  | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.01    | 0.01       | 125.86  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.56    | 1.43    | 1.38    | 1.46       | 6.15    | ppb   |
| Phosphorus | 31-2  | 583.22  | 629.51  | 632.38  | 615.04     | 4.49    | ppb   |
| Potassium  | 39-2  | 454.46  | 445.65  | 454.79  | 451.63     | 1.15    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.25   | -0.68   | 0.15    | -0.26      |         | ppb   |
| Selenium   | 82-1  | 0.63    | 0.21    | 0.00    | 0.28       | 113.63  | ppb   |
| Silicon    | 28-1  | 989.34  | 991.64  | 952.03  | 977.67     | 2.27    | ppb   |
| Silver     | 109-1 | 0.02    | 0.00    | 0.01    | 0.01       | 92.33   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.01    | 0.01       | 42.19   | ppb   |
| Sodium     | 23-2  | 9232.11 | 9212.91 | 8988.29 | 9144.44    | 1.48    | ppb   |
| Strontium  | 86-1  | 18.96   | 19.94   | 18.31   | 19.07      | 4.32    | ppb   |
| Strontium  | 88-1  | 19.30   | 19.86   | 19.33   | 19.50      | 1.61    | ppb   |
| Sulfur     | 34-1  | 228.27  | 378.11  | 78.57   | 228.32     | 65.60   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.23    | 0.24    | 0.39    | 0.29       | 30.34   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.01    | 0.03    | 0.03       | 58.63   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 117.24  | 117.56  | 114.14  | 116.31     | 1.63    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.02    | 0.02       | 28.99   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-34             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-34-FL1-CL1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:32:50  | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | -0.01   | 0.01    | 0.01       | 162.72  | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-35 Instrumnet Name : P8  
 Client Sample ID : DC20894-35-FL1-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:35:59 DataFile Name : 087SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.83   | 16.20   | 15.40   | 16.81      | 10.66   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.05    | 0.05    | 0.06       | 29.75   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.25    | 0.28    | 0.25       | 10.27   | ppb   |
| Barium     | 135-1 | 19.16   | 18.47   | 18.62   | 18.75      | 1.93    | ppb   |
| Barium     | 137-1 | 18.90   | 18.82   | 18.57   | 18.76      | 0.90    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.97    | 3.83    | 4.16    | 3.99       | 4.07    | ppb   |
| Boron      | 11-1  | 3.62    | 3.94    | 4.40    | 3.99       | 9.78    | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.14   | -0.13   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.36   | -1.54   | -1.37   | -1.42      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.11   | -0.03   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 4558.66 | 4596.93 | 4480.23 | 4545.27    | 1.31    | ppb   |
| Calcium    | 44-1  | 4606.56 | 4694.14 | 4596.67 | 4632.46    | 1.16    | ppb   |
| Chromium   | 52-2  | -0.12   | -0.06   | -0.01   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 110.87  | 108.07  | 108.15  | 109.03     | 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  | 18.08   | 18.67   | 18.40   | 18.38      | 1.60    | ppb   |
| Iron       | 57-2  | 22.25   | 22.22   | 25.33   | 23.27      | 7.67    | ppb   |
| Lead       | 206-1 | 0.33    | 0.33    | 0.32    | 0.33       | 0.75    | ppb   |
| Lead       | 207-1 | 0.30    | 0.27    | 0.26    | 0.28       | 6.92    | ppb   |
| Lead       | 208-1 | 0.29    | 0.28    | 0.28    | 0.28       | 1.09    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1012.21 | 1055.62 | 1014.24 | 1027.35    | 2.38    | ppb   |
| Manganese  | 55-2  | 11.11   | 11.71   | 11.78   | 11.54      | 3.21    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-35             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-35-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:35:59  | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.02    | 0.01    | 0.01       | 267.53  | ppb   |
| Molybdenum | 95-1  | -0.02   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.01    | 0.01       | 39.44   | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | 29.41   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.18    | 0.23    | 0.26    | 0.22       | 17.23   | ppb   |
| Phosphorus | 31-2  | 732.36  | 531.13  | 640.29  | 634.59     | 15.87   | ppb   |
| Potassium  | 39-2  | 441.86  | 461.77  | 432.56  | 445.40     | 3.35    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 0.18    | -0.26   | -0.26   | -0.11      |         | ppb   |
| Selenium   | 82-1  | 0.20    | -0.62   | 0.06    | -0.12      |         | ppb   |
| Silicon    | 28-1  | 1001.09 | 984.61  | 986.16  | 990.62     | 0.92    | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.00    | 0.01       | 66.50   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 11.60   | ppb   |
| Sodium     | 23-2  | 9328.57 | 9079.14 | 9073.26 | 9160.32    | 1.59    | ppb   |
| Strontium  | 86-1  | 19.02   | 19.18   | 18.84   | 19.02      | 0.90    | ppb   |
| Strontium  | 88-1  | 19.14   | 19.49   | 19.57   | 19.40      | 1.18    | ppb   |
| Sulfur     | 34-1  | 351.64  | 549.59  | 321.26  | 407.50     | 30.43   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.09   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.44    | 0.40    | 0.37    | 0.40       | 8.08    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.03    | 0.02    | 0.04       | 43.79   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 21.10   | 20.58   | 20.71   | 20.79      | 1.31    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.02    | 0.01       | 61.25   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-35             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-35-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:35:59  | DataFile Name :   | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.01       | 36.44   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:39:06 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.43    | 2.75    | 1.91    | 3.03       | 42.34   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.00    | 0.00       | 159.49  | ppb   |
| Arsenic    | 75-2  | -0.02   | 0.00    | -0.05   | -0.02      |         | ppb   |
| Barium     | 135-1 | -0.08   | -0.09   | -0.10   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.08   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.49    | 1.39    | 0.88    | 1.25       | 25.88   | ppb   |
| Boron      | 11-1  | 1.04    | 1.05    | 0.75    | 0.94       | 18.28   | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.13   | -0.13   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -0.62   | -1.49   | -1.30   | -1.14      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.11   | 0.01    | -0.05      |         | ppb   |
| Calcium    | 43-1  | 25.94   | 10.86   | 8.99    | 15.26      | 60.90   | ppb   |
| Calcium    | 44-1  | 9.39    | 8.80    | 10.01   | 9.40       | 6.43    | ppb   |
| Chromium   | 52-2  | -0.09   | -0.11   | 0.03    | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.05   | -0.09   | -0.07   | -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  | 0.44    | 0.08    | 0.10    | 0.21       | 94.99   | ppb   |
| Iron       | 57-2  | -0.44   | 0.48    | 1.60    | 0.55       | 186.88  | ppb   |
| Lead       | 206-1 | 500.15  | 493.04  | 492.36  | 495.18     | 0.87    | ppb   |
| Lead       | 207-1 | 493.26  | 493.81  | 495.81  | 494.29     | 0.27    | ppb   |
| Lead       | 208-1 | 496.92  | 496.57  | 495.37  | 496.29     | 0.16    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.62   | -0.79   | -0.13   | -0.51      |         | ppb   |
| Manganese  | 55-2  | -0.07   | -0.04   | -0.04   | -0.05      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:39:06 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.15   | -0.15   | -0.16   | -0.16      |         | ppb   |
| Phosphorus | 31-2  | -22.44  | -10.35  | -10.40  | -14.40     |         | ppb   |
| Potassium  | 39-2  | -16.54  | 1.87    | -4.17   | -6.28      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.21   | -0.19   | 2.12    | 0.57       | 232.74  | ppb   |
| Selenium   | 82-1  | -0.61   | 0.07    | 0.12    | -0.14      |         | ppb   |
| Silicon    | 28-1  | -14.03  | -17.42  | -18.46  | -16.64     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.00       | 231.02  | ppb   |
| Sodium     | 23-2  | 2.55    | 2.25    | -0.48   | 1.44       | 115.95  | ppb   |
| Strontium  | 86-1  | -0.04   | -0.06   | -0.03   | -0.04      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 378.75  | -57.24  | 117.94  | 146.49     | 149.77  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.32    | 0.25    | 0.30    | 0.29       | 11.14   | ppb   |
| Titanium   | 47-1  | 0.05    | 0.04    | 0.09    | 0.06       | 52.07   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.41    | 0.54    | 0.24    | 0.40       | 38.36   | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:39:06 | DataFile Name :   | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.00    | 0.01       | 87.03   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:42:16 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.93    | 2.72    | -0.58   | 1.36       | 126.97  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 747.71  | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.08   | -0.09   | -0.08   | -0.08      |         | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.07   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.77    | 0.19    | 0.16    | 0.37       | 91.64   | ppb   |
| Boron      | 11-1  | 0.55    | 0.67    | 0.41    | 0.54       | 24.19   | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.14   | -0.11   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -0.89   | -1.63   | -1.17   | -1.23      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.14   | -0.11   | -0.11      |         | ppb   |
| Calcium    | 43-1  | 27.23   | 22.50   | 21.20   | 23.64      | 13.42   | ppb   |
| Calcium    | 44-1  | 3.91    | 4.19    | 4.33    | 4.15       | 5.17    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.10   | -0.06   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.09   | -0.07   | -0.12   | -0.10      |         | 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  | 0.10    | 0.03    | -0.14   | -0.01      |         | ppb   |
| Iron       | 57-2  | -1.13   | -1.17   | -1.41   | -1.23      |         | ppb   |
| Lead       | 206-1 | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Lead       | 207-1 | -0.04   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.95   | -0.81   | -0.49   | -0.75      |         | ppb   |
| Manganese  | 55-2  | -0.14   | -0.14   | -0.02   | -0.10      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:42:16 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.08   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.15   | -0.19   | -0.19   | -0.18      |         | ppb   |
| Phosphorus | 31-2  | -10.32  | 1.49    | 25.09   | 5.42       | 332.64  | ppb   |
| Potassium  | 39-2  | -5.75   | -10.75  | -19.55  | -12.02     |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.85    | 1.87    | 0.92       | 176.85  | ppb   |
| Selenium   | 78-2  | -0.21   | -0.66   | -0.66   | -0.51      |         | ppb   |
| Selenium   | 82-1  | 0.68    | -0.47   | -0.21   | 0.00       |         | ppb   |
| Silicon    | 28-1  | -19.29  | -19.11  | -19.27  | -19.22     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 4.59    | 4.89    | -1.00   | 2.83       | 117.40  | ppb   |
| Strontium  | 86-1  | 0.00    | 0.00    | 0.05    | 0.02       | 169.72  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 533.76  | 694.11  | 289.80  | 505.89     | 40.24   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.04   | -0.06   | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.03   | -0.02   | 0.00    | -0.02      |         | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.36   | -0.32   | -0.30   | -0.33      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:42:16 | DataFile Name :   | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | -0.01   | 0.00    | 0.00       | 337.44  | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-36             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-36-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:45:29  | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.62   | 8.94    | 14.47   | 14.34      | 37.24   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 4.81    | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.19    | 0.19    | 0.19       | 2.68    | ppb   |
| Barium     | 135-1 | 19.38   | 18.92   | 20.05   | 19.45      | 2.93    | ppb   |
| Barium     | 137-1 | 19.01   | 18.98   | 19.70   | 19.23      | 2.11    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.89    | 4.17    | 4.03    | 4.03       | 3.49    | ppb   |
| Boron      | 11-1  | 3.75    | 3.35    | 3.79    | 3.63       | 6.70    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.10   | -0.18   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -1.64   | -1.15   | -2.23   | -1.67      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.06   | -0.11   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4493.45 | 4442.97 | 4683.00 | 4539.81    | 2.79    | ppb   |
| Calcium    | 44-1  | 4579.74 | 4551.20 | 4783.20 | 4638.05    | 2.73    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.12   | -0.05   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Copper     | 63-2  | 109.38  | 110.48  | 111.63  | 110.49     | 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  | 20.29   | 16.75   | 17.99   | 18.34      | 9.79    | ppb   |
| Iron       | 57-2  | 18.63   | 18.23   | 15.34   | 17.40      | 10.31   | ppb   |
| Lead       | 206-1 | 0.32    | 0.29    | 0.37    | 0.32       | 12.29   | ppb   |
| Lead       | 207-1 | 0.24    | 0.29    | 0.32    | 0.28       | 12.72   | ppb   |
| Lead       | 208-1 | 0.28    | 0.28    | 0.32    | 0.29       | 7.69    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1051.51 | 1057.55 | 1033.99 | 1047.68    | 1.17    | ppb   |
| Manganese  | 55-2  | 10.78   | 11.17   | 12.43   | 11.46      | 7.51    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-36             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-36-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:45:29  | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.00    | 0.02    | 0.01       | 108.92  | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.00    | 0.01       | 110.78  | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.23    | 0.28    | 0.31    | 0.27       | 14.69   | ppb   |
| Phosphorus | 31-2  | 586.50  | 737.51  | 563.63  | 629.21     | 15.02   | ppb   |
| Potassium  | 39-2  | 444.86  | 458.02  | 436.56  | 446.48     | 2.42    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.73    | -0.96   | -0.06      |         | ppb   |
| Selenium   | 78-2  | 0.17    | -1.11   | -0.26   | -0.40      |         | ppb   |
| Selenium   | 82-1  | 0.84    | 0.20    | -0.02   | 0.34       | 131.97  | ppb   |
| Silicon    | 28-1  | 963.27  | 963.33  | 1021.10 | 982.57     | 3.40    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 30.64   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 52.64   | ppb   |
| Sodium     | 23-2  | 9394.26 | 9503.42 | 9413.17 | 9436.95    | 0.62    | ppb   |
| Strontium  | 86-1  | 19.45   | 18.75   | 19.60   | 19.27      | 2.34    | ppb   |
| Strontium  | 88-1  | 19.26   | 19.02   | 20.11   | 19.46      | 2.94    | ppb   |
| Sulfur     | 34-1  | 556.18  | 620.52  | 1447.34 | 874.68     | 56.82   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.34    | 0.25    | 0.42    | 0.34       | 25.49   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.05    | 0.05    | 0.04       | 24.77   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 22.72   | 22.85   | 22.96   | 22.84      | 0.53    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 21.06   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-36             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-36-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:45:29  | DataFile Name :   | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.06    | 0.04       | 50.52   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100856BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100856BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:48:36 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.01    | 1.08    | 3.58    | 2.22       | 56.80   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 206.00  | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.09   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.09   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.00    | 0.80    | 0.53    | 0.44       | 91.95   | ppb   |
| Boron      | 11-1  | 0.62    | 0.69    | 0.51    | 0.61       | 14.43   | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.10   | -0.06   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.34   | -1.04   | -0.43   | -0.94      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.11   | -0.11   | -0.10      |         | ppb   |
| Calcium    | 43-1  | 27.41   | 24.73   | 15.88   | 22.67      | 26.62   | ppb   |
| Calcium    | 44-1  | 4.85    | 12.87   | 7.17    | 8.30       | 49.71   | ppb   |
| Chromium   | 52-2  | -0.11   | -0.07   | -0.05   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.03   | -0.07   | -0.10   | -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  | 0.23    | -0.10   | 0.04    | 0.06       | 285.08  | ppb   |
| Iron       | 57-2  | 0.64    | 1.37    | 1.16    | 1.05       | 35.61   | ppb   |
| Lead       | 206-1 | -0.05   | -0.06   | -0.03   | -0.05      |         | ppb   |
| Lead       | 207-1 | -0.06   | -0.08   | -0.05   | -0.06      |         | ppb   |
| Lead       | 208-1 | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.50    | -1.63   | 0.04    | -0.36      |         | ppb   |
| Manganese  | 55-2  | -0.02   | 0.00    | -0.07   | -0.03      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100856BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100856BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:48:36 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.09   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.14   | -0.17   | -0.18   | -0.17      |         | ppb   |
| Phosphorus | 31-2  | -9.90   | 1.63    | -10.38  | -6.22      |         | ppb   |
| Potassium  | 39-2  | 10.00   | -2.24   | -2.30   | 1.82       | 388.95  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -1.11   | 0.27    | -0.66   | -0.50      |         | ppb   |
| Selenium   | 82-1  | -0.81   | -0.20   | 0.07    | -0.31      |         | ppb   |
| Silicon    | 28-1  | -18.88  | -15.60  | -20.35  | -18.28     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 326.42  | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.00       | 96.79   | ppb   |
| Sodium     | 23-2  | 6.14    | 2.15    | 4.14    | 4.15       | 48.09   | ppb   |
| Strontium  | 86-1  | -0.04   | 0.05    | 0.07    | 0.02       | 233.96  | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 391.83  | 2259.98 | 1540.25 | 1397.35    | 67.43   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.06   | -0.05   | -0.08   | -0.06      |         | ppb   |
| Titanium   | 47-1  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.32   | -0.40   | -0.31   | -0.35      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100856BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100856BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:48:36 | DataFile Name :   | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | -0.01   | 0.02    | 0.01       | 273.60  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100856BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100856BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:51:47 | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.55    | 0.25    | 1.91    | 1.91       | 86.55   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.01    | 0.00       | 91.21   | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.02   | -0.04   | -0.02      |         | ppb   |
| Barium     | 135-1 | -0.09   | -0.09   | -0.07   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.07   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.17    | 0.45    | 0.95    | 0.86       | 43.22   | ppb   |
| Boron      | 11-1  | 0.79    | 0.70    | 0.57    | 0.69       | 16.54   | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.11   | -0.11   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.04   | -1.22   | -1.08   | -1.11      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 20.12   | 31.69   | 15.76   | 22.52      | 36.55   | ppb   |
| Calcium    | 44-1  | 15.28   | 19.25   | 15.76   | 16.77      | 12.92   | ppb   |
| Chromium   | 52-2  | -0.03   | -0.09   | -0.11   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Copper     | 63-2  | -0.04   | -0.04   | -0.06   | -0.05      |         | 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  | 0.32    | 0.45    | -0.01   | 0.25       | 93.89   | ppb   |
| Iron       | 57-2  | -0.25   | -1.60   | -0.91   | -0.92      |         | ppb   |
| Lead       | 206-1 | 498.14  | 495.36  | 491.75  | 495.08     | 0.65    | ppb   |
| Lead       | 207-1 | 497.02  | 492.13  | 493.95  | 494.36     | 0.50    | ppb   |
| Lead       | 208-1 | 497.15  | 496.74  | 496.96  | 496.95     | 0.04    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.81   | -1.46   | 0.21    | -0.69      |         | ppb   |
| Manganese  | 55-2  | -0.06   | -0.05   | -0.02   | -0.05      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100856BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100856BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:51:47 | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.08   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.11   | -0.15   | -0.13   | -0.13      |         | ppb   |
| Phosphorus | 31-2  | 13.54   | 1.71    | -22.44  | -2.40      |         | ppb   |
| Potassium  | 39-2  | 12.77   | 6.56    | -3.69   | 5.21       | 159.43  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.65   | 0.71    | 0.26    | 0.11       | 632.18  | ppb   |
| Selenium   | 82-1  | 0.16    | -0.97   | 0.23    | -0.19      |         | ppb   |
| Silicon    | 28-1  | -14.02  | -13.47  | -15.08  | -14.19     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 451.64  | ppb   |
| Sodium     | 23-2  | 5.69    | 4.78    | 6.06    | 5.51       | 11.99   | ppb   |
| Strontium  | 86-1  | 0.03    | 0.01    | 0.07    | 0.04       | 78.13   | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2172.01 | 2728.06 | 2283.72 | 2394.60    | 12.28   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.27    | 0.34    | 0.30    | 0.30       | 10.68   | ppb   |
| Titanium   | 47-1  | 0.03    | -0.03   | 0.00    | 0.00       |         | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.03   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.00    | 0.02    | -0.16   | -0.05      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100856BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100856BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:51:47 | DataFile Name :   | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.01    | 0.01       | 60.79   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-01 Instrumnet Name : P8  
 Client Sample ID : DC20894-37-FL2-CL5-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:54:57 DataFile Name : 093SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 28.75   | 23.78   | 19.95   | 24.16      | 18.26   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.05    | 0.06       | 8.21    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.17    | 0.18    | 0.19       | 14.03   | ppb   |
| Barium     | 135-1 | 19.52   | 19.98   | 19.41   | 19.64      | 1.53    | ppb   |
| Barium     | 137-1 | 19.45   | 19.59   | 18.90   | 19.32      | 1.89    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.06   | -0.09   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.84    | 4.25    | 3.71    | 3.93       | 7.19    | ppb   |
| Boron      | 11-1  | 3.67    | 3.53    | 3.48    | 3.56       | 2.77    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.06   | -0.11   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.18   | -0.56   | -1.24   | -0.99      |         | ppb   |
| Cadmium    | 108-1 | -0.14   | -0.11   | 0.05    | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4455.72 | 4506.16 | 4432.72 | 4464.87    | 0.84    | ppb   |
| Calcium    | 44-1  | 4580.76 | 4642.83 | 4552.64 | 4592.08    | 1.01    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.10   | -0.07   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Copper     | 63-2  | 115.22  | 112.67  | 112.85  | 113.58     | 1.25    | 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  | 16.45   | 19.13   | 16.40   | 17.33      | 9.01    | ppb   |
| Iron       | 57-2  | 17.84   | 21.53   | 16.89   | 18.75      | 13.08   | ppb   |
| Lead       | 206-1 | 0.49    | 0.51    | 0.45    | 0.49       | 6.00    | ppb   |
| Lead       | 207-1 | 0.44    | 0.45    | 0.37    | 0.42       | 9.88    | ppb   |
| Lead       | 208-1 | 0.46    | 0.47    | 0.44    | 0.46       | 3.84    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1042.89 | 1041.76 | 1013.25 | 1032.63    | 1.63    | ppb   |
| Manganese  | 55-2  | 13.00   | 12.09   | 12.01   | 12.37      | 4.45    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-01             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-37-FL2-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:54:57  | DataFile Name :   | 093SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.02    | 0.00    | 0.01       | 108.04  | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.63    | 0.61    | 0.68    | 0.64       | 5.55    | ppb   |
| Phosphorus | 31-2  | 627.23  | 585.06  | 672.77  | 628.35     | 6.98    | ppb   |
| Potassium  | 39-2  | 465.73  | 464.15  | 458.58  | 462.82     | 0.81    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.27   | -0.69   | -0.69   | -0.55      |         | ppb   |
| Selenium   | 82-1  | -0.29   | 0.77    | -0.11   | 0.12       | 463.04  | ppb   |
| Silicon    | 28-1  | 1021.56 | 1001.21 | 986.72  | 1003.16    | 1.74    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 32.88   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 26.98   | ppb   |
| Sodium     | 23-2  | 9316.57 | 9293.22 | 9261.88 | 9290.56    | 0.30    | ppb   |
| Strontium  | 86-1  | 19.57   | 19.74   | 19.43   | 19.58      | 0.80    | ppb   |
| Strontium  | 88-1  | 19.62   | 19.85   | 19.88   | 19.79      | 0.72    | ppb   |
| Sulfur     | 34-1  | 2480.40 | 2509.94 | 2495.40 | 2495.24    | 0.59    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.29    | 0.25    | 0.36    | 0.30       | 17.93   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.03    | 0.02    | 0.02       | 103.62  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 28.85   | 28.53   | 27.71   | 28.36      | 2.09    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.03    | 0.02       | 13.42   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-01             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-37-FL2-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:54:57  | DataFile Name :   | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.01    | 0.02    | 0.03       | 72.60   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-02 Instrumnet Name : P8  
 Client Sample ID : DC20894-38-FL2-CL5-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:58:06 DataFile Name : 094SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 30.63   | 24.22   | 26.16   | 27.00      | 12.18   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.04    | 0.07    | 0.06       | 20.05   | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.34    | 0.27    | 0.31       | 11.41   | ppb   |
| Barium     | 135-1 | 19.11   | 19.60   | 19.50   | 19.40      | 1.35    | ppb   |
| Barium     | 137-1 | 19.44   | 19.28   | 19.02   | 19.25      | 1.09    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.09   | -0.06   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.28    | 3.92    | 3.19    | 3.47       | 11.46   | ppb   |
| Boron      | 11-1  | 3.91    | 3.85    | 3.63    | 3.80       | 3.86    | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.06   | -0.14   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.09   | -0.37   | -1.66   | -0.71      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | 0.00    | 0.00    | -0.03      |         | ppb   |
| Calcium    | 43-1  | 4483.67 | 4334.20 | 4521.17 | 4446.35    | 2.22    | ppb   |
| Calcium    | 44-1  | 4576.01 | 4543.07 | 4546.60 | 4555.23    | 0.40    | ppb   |
| Chromium   | 52-2  | -0.11   | -0.06   | 0.05    | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Copper     | 63-2  | 116.37  | 118.54  | 123.10  | 119.34     | 2.88    | 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  | 17.17   | 17.21   | 19.06   | 17.81      | 6.05    | ppb   |
| Iron       | 57-2  | 19.44   | 14.93   | 14.67   | 16.35      | 16.38   | ppb   |
| Lead       | 206-1 | 0.38    | 0.46    | 0.49    | 0.44       | 12.56   | ppb   |
| Lead       | 207-1 | 0.40    | 0.43    | 0.45    | 0.43       | 6.26    | ppb   |
| Lead       | 208-1 | 0.40    | 0.45    | 0.46    | 0.43       | 7.82    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1024.02 | 1077.54 | 1098.91 | 1066.83    | 3.62    | ppb   |
| Manganese  | 55-2  | 12.82   | 13.10   | 13.55   | 13.15      | 2.79    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-02             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-38-FL2-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:58:06  | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.02    | 0.00    | 0.01       | 158.69  | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.06   | -0.02   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.51    | 0.44    | 0.64    | 0.53       | 19.39   | ppb   |
| Phosphorus | 31-2  | 673.60  | 731.09  | 659.59  | 688.09     | 5.51    | ppb   |
| Potassium  | 39-2  | 473.81  | 474.74  | 486.73  | 478.42     | 1.51    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.27   | 0.60    | -0.66   | -0.11      |         | ppb   |
| Selenium   | 82-1  | 0.93    | -0.21   | -0.02   | 0.23       | 259.63  | ppb   |
| Silicon    | 28-1  | 981.18  | 979.90  | 990.94  | 984.01     | 0.61    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 46.16   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 12.12   | ppb   |
| Sodium     | 23-2  | 9139.27 | 9208.84 | 9748.08 | 9365.40    | 3.56    | ppb   |
| Strontium  | 86-1  | 19.25   | 18.81   | 18.96   | 19.01      | 1.20    | ppb   |
| Strontium  | 88-1  | 19.52   | 19.41   | 19.41   | 19.45      | 0.34    | ppb   |
| Sulfur     | 34-1  | 2281.60 | 2393.94 | 2342.89 | 2339.48    | 2.40    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.26    | 0.32    | 0.38    | 0.32       | 19.73   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.03    | 0.02       | 75.98   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 30.58   | 30.26   | 31.70   | 30.85      | 2.46    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.03    | 0.02       | 30.03   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-02             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-38-FL2-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:58:06  | DataFile Name :   | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 13.97   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-03 Instrumnet Name : P8  
 Client Sample ID : DC20894-39-FL2-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:01:13 DataFile Name : 095SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 27.35   | 14.31   | 22.01   | 21.23      | 30.89   | ppb   |
| Antimony   | 121-1 | 0.18    | 0.15    | 0.16    | 0.16       | 8.83    | ppb   |
| Arsenic    | 75-2  | 0.18    | 0.17    | 0.16    | 0.17       | 6.46    | ppb   |
| Barium     | 135-1 | 18.53   | 18.46   | 18.73   | 18.57      | 0.75    | ppb   |
| Barium     | 137-1 | 18.52   | 18.38   | 18.56   | 18.49      | 0.49    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.68    | 4.37    | 3.42    | 3.82       | 12.93   | ppb   |
| Boron      | 11-1  | 4.13    | 4.20    | 3.93    | 4.09       | 3.37    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.06   | 0.00    | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -1.50   | -0.68   | 0.29    | -0.63      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | 0.09    | 0.03       | 175.04  | ppb   |
| Calcium    | 43-1  | 4656.41 | 4537.29 | 4529.77 | 4574.49    | 1.55    | ppb   |
| Calcium    | 44-1  | 4675.19 | 4699.94 | 4688.91 | 4688.01    | 0.26    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.15   | -0.05   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.04    | 0.02    | 0.03       | 26.75   | ppb   |
| Copper     | 63-2  | 112.55  | 111.21  | 110.50  | 111.42     | 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  | 19.19   | 17.65   | 18.30   | 18.38      | 4.20    | ppb   |
| Iron       | 57-2  | 18.80   | 19.04   | 19.12   | 18.99      | 0.88    | ppb   |
| Lead       | 206-1 | 0.79    | 0.71    | 0.67    | 0.72       | 8.03    | ppb   |
| Lead       | 207-1 | 0.66    | 0.66    | 0.64    | 0.65       | 2.00    | ppb   |
| Lead       | 208-1 | 0.70    | 0.69    | 0.67    | 0.69       | 2.63    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1079.87 | 1084.64 | 1033.06 | 1065.86    | 2.67    | ppb   |
| Manganese  | 55-2  | 13.99   | 14.01   | 13.00   | 13.66      | 4.21    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-03             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-39-FL2-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:01:13  | DataFile Name :   | 095SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.02    | 0.01       | 63.26   | ppb   |
| Molybdenum | 95-1  | -0.02   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.01    | 0.01       | 45.59   | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 12.09   | 12.20   | 11.60   | 11.96      | 2.69    | ppb   |
| Phosphorus | 31-2  | 765.12  | 591.73  | 610.74  | 655.86     | 14.50   | ppb   |
| Potassium  | 39-2  | 471.48  | 485.61  | 449.34  | 468.81     | 3.90    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.73    | -0.96   | -0.06      |         | ppb   |
| Selenium   | 78-2  | -0.25   | 1.04    | 1.02    | 0.60       | 123.16  | ppb   |
| Selenium   | 82-1  | -0.44   | 0.87    | 0.94    | 0.46       | 170.61  | ppb   |
| Silicon    | 28-1  | 989.69  | 1103.83 | 998.50  | 1030.67    | 6.16    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.01       | 24.20   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 67.03   | ppb   |
| Sodium     | 23-2  | 9502.73 | 9355.99 | 9220.13 | 9359.62    | 1.51    | ppb   |
| Strontium  | 86-1  | 18.80   | 19.19   | 18.77   | 18.92      | 1.23    | ppb   |
| Strontium  | 88-1  | 19.43   | 19.41   | 19.45   | 19.43      | 0.10    | ppb   |
| Sulfur     | 34-1  | 2247.87 | 2599.77 | 2564.38 | 2470.67    | 7.84    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.33    | 0.35    | 0.31    | 0.33       | 7.34    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.04    | 0.05    | 0.04       | 19.14   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 175.89  | 170.96  | 177.41  | 174.75     | 1.93    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 13.51   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-03             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-39-FL2-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:01:13  | DataFile Name :   | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.01    | 0.03    | 0.03       | 67.59   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-04 Instrumnet Name : P8  
 Client Sample ID : DC20894-40-FL2-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:04:22 DataFile Name : 096SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 34.75   | 29.70   | 36.96   | 33.81      | 11.01   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 4.80    | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.29    | 0.29    | 0.26       | 16.83   | ppb   |
| Barium     | 135-1 | 19.48   | 19.93   | 20.62   | 20.01      | 2.88    | ppb   |
| Barium     | 137-1 | 19.96   | 19.87   | 20.01   | 19.95      | 0.34    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.04    | 3.41    | 4.08    | 3.85       | 9.72    | ppb   |
| Boron      | 11-1  | 4.09    | 3.58    | 3.95    | 3.87       | 6.90    | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.07   | -0.11   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -0.80   | -0.70   | -1.22   | -0.91      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.06   | -0.03   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 4509.97 | 4402.16 | 4553.92 | 4488.68    | 1.74    | ppb   |
| Calcium    | 44-1  | 4664.38 | 4522.55 | 4641.02 | 4609.32    | 1.65    | ppb   |
| Chromium   | 52-2  | -0.11   | -0.15   | -0.03   | -0.09      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Copper     | 63-2  | 113.10  | 111.67  | 111.45  | 112.08     | 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  | 17.27   | 15.87   | 16.81   | 16.65      | 4.28    | ppb   |
| Iron       | 57-2  | 17.95   | 15.75   | 16.83   | 16.84      | 6.51    | ppb   |
| Lead       | 206-1 | 0.63    | 0.63    | 0.56    | 0.61       | 6.14    | ppb   |
| Lead       | 207-1 | 0.54    | 0.54    | 0.54    | 0.54       | 0.42    | ppb   |
| Lead       | 208-1 | 0.58    | 0.57    | 0.55    | 0.57       | 2.57    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1013.35 | 1008.09 | 1017.11 | 1012.85    | 0.45    | ppb   |
| Manganese  | 55-2  | 12.28   | 11.78   | 11.00   | 11.69      | 5.50    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-04             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-40-FL2-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:04:22  | DataFile Name :   | 096SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.02    | 0.01       | 98.78   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.02    | -0.02   | 0.01    | 0.00       | 474.63  | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.16    | 1.24    | 1.13    | 1.18       | 4.94    | ppb   |
| Phosphorus | 31-2  | 668.68  | 559.88  | 689.17  | 639.24     | 10.87   | ppb   |
| Potassium  | 39-2  | 461.11  | 435.67  | 446.19  | 447.66     | 2.86    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 4.36    | -0.96   | 0.81       | 377.48  | ppb   |
| Selenium   | 78-2  | -0.69   | -0.69   | 0.16    | -0.40      |         | ppb   |
| Selenium   | 82-1  | 0.36    | 0.17    | 0.33    | 0.29       | 35.33   | ppb   |
| Silicon    | 28-1  | 1096.81 | 968.08  | 1019.42 | 1028.10    | 6.30    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 40.64   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.02    | 0.01       | 74.67   | ppb   |
| Sodium     | 23-2  | 9195.23 | 8834.57 | 9105.53 | 9045.11    | 2.08    | ppb   |
| Strontium  | 86-1  | 19.58   | 18.88   | 19.03   | 19.16      | 1.94    | ppb   |
| Strontium  | 88-1  | 19.60   | 19.41   | 19.58   | 19.53      | 0.52    | ppb   |
| Sulfur     | 34-1  | 2298.07 | 1887.77 | 2488.22 | 2224.69    | 13.79   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.02   | -0.06   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.30    | 8.89    | 0.91    | 3.37       | 142.36  | ppb   |
| Uranium    | 238-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.01    | 0.01    | 0.02       | 70.71   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 32.13   | 30.53   | 32.56   | 31.74      | 3.37    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.03    | 0.03       | 21.39   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-04             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-40-FL2-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:04:22  | DataFile Name :   | 096SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.03    | 0.03    | 0.03       | 37.02   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-05 Instrumnet Name : P8  
 Client Sample ID : DC20894-41-FL2-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:07:31 DataFile Name : 097SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 44.19   | 55.44   | 33.51   | 44.38      | 24.71   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.06    | 0.05       | 13.47   | ppb   |
| Arsenic    | 75-2  | 0.20    | 0.26    | 0.22    | 0.22       | 14.81   | ppb   |
| Barium     | 135-1 | 19.42   | 18.78   | 18.63   | 18.94      | 2.23    | ppb   |
| Barium     | 137-1 | 19.16   | 19.38   | 19.52   | 19.36      | 0.94    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.55    | 4.72    | 3.57    | 3.95       | 16.94   | ppb   |
| Boron      | 11-1  | 4.35    | 3.77    | 3.91    | 4.01       | 7.58    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.09   | -0.18   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.02   | -1.02   | -2.02   | -1.35      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.06   | -0.08   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 4500.07 | 4598.67 | 4382.48 | 4493.74    | 2.41    | ppb   |
| Calcium    | 44-1  | 4639.21 | 4621.93 | 4511.22 | 4590.79    | 1.51    | ppb   |
| Chromium   | 52-2  | -0.12   | -0.11   | -0.10   | -0.11      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Copper     | 63-2  | 117.20  | 116.32  | 114.69  | 116.07     | 1.09    | 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  | 22.18   | 22.26   | 22.21   | 22.22      | 0.18    | ppb   |
| Iron       | 57-2  | 22.56   | 22.68   | 18.35   | 21.20      | 11.64   | ppb   |
| Lead       | 206-1 | 0.42    | 0.43    | 0.38    | 0.41       | 6.51    | ppb   |
| Lead       | 207-1 | 0.39    | 0.35    | 0.32    | 0.35       | 9.18    | ppb   |
| Lead       | 208-1 | 0.39    | 0.38    | 0.37    | 0.38       | 2.58    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1072.56 | 1041.84 | 1036.31 | 1050.24    | 1.86    | ppb   |
| Manganese  | 55-2  | 14.01   | 14.49   | 13.32   | 13.94      | 4.21    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-41-FL2-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:07:31  | DataFile Name :   | 097SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.01    | 0.01       | 75.40   | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | -0.01   | 0.00       | 824.40  | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.19    | 0.12    | 0.20    | 0.17       | 25.95   | ppb   |
| Phosphorus | 31-2  | 513.35  | 756.25  | 742.21  | 670.60     | 20.33   | ppb   |
| Potassium  | 39-2  | 465.26  | 466.04  | 443.43  | 458.24     | 2.80    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.71    | -0.07      |         | ppb   |
| Selenium   | 78-2  | 0.69    | -1.11   | 0.59    | 0.06       | 1763.28 | ppb   |
| Selenium   | 82-1  | 0.23    | 0.07    | -0.10   | 0.07       | 247.13  | ppb   |
| Silicon    | 28-1  | 1018.67 | 1007.39 | 1016.81 | 1014.29    | 0.60    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 25.84   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.00       | 52.06   | ppb   |
| Sodium     | 23-2  | 9441.95 | 9357.73 | 9130.30 | 9309.99    | 1.73    | ppb   |
| Strontium  | 86-1  | 18.97   | 19.04   | 18.54   | 18.85      | 1.45    | ppb   |
| Strontium  | 88-1  | 19.13   | 19.24   | 18.77   | 19.05      | 1.30    | ppb   |
| Sulfur     | 34-1  | 2461.42 | 2470.28 | 1934.26 | 2288.65    | 13.41   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.34    | 0.28    | 0.59    | 0.40       | 40.59   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.04    | 0.05    | 0.05       | 16.60   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 19.39   | 19.76   | 19.45   | 19.53      | 1.02    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.03    | 0.02       | 13.88   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-41-FL2-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:07:31  | DataFile Name :   | 097SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.66    | 0.01    | 0.02    | 0.23       | 160.66  | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-06 Instrumnet Name : P8  
 Client Sample ID : DC20894-42-FL2-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:10:40 DataFile Name : 098SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 51.60   | 47.25   | 53.05   | 50.63      | 5.96    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.05    | 0.06       | 16.75   | ppb   |
| Arsenic    | 75-2  | 0.14    | 0.18    | 0.17    | 0.16       | 12.58   | ppb   |
| Barium     | 135-1 | 20.10   | 19.71   | 20.86   | 20.23      | 2.90    | ppb   |
| Barium     | 137-1 | 19.54   | 19.69   | 20.52   | 19.91      | 2.65    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.74    | 4.22    | 4.36    | 4.44       | 6.03    | ppb   |
| Boron      | 11-1  | 3.82    | 4.56    | 4.16    | 4.18       | 8.87    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.13   | -0.04   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -0.71   | -1.35   | -0.11   | -0.72      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.03   | -0.11   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4377.05 | 4423.60 | 4451.75 | 4417.47    | 0.85    | ppb   |
| Calcium    | 44-1  | 4480.36 | 4555.14 | 4605.45 | 4546.99    | 1.38    | ppb   |
| Chromium   | 52-2  | -0.10   | -0.02   | -0.03   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Copper     | 63-2  | 109.85  | 111.00  | 105.35  | 108.74     | 2.75    | 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  | 21.27   | 21.06   | 23.47   | 21.93      | 6.08    | ppb   |
| Iron       | 57-2  | 40.66   | 18.40   | 23.63   | 27.57      | 42.23   | ppb   |
| Lead       | 206-1 | 0.45    | 0.42    | 0.47    | 0.45       | 5.97    | ppb   |
| Lead       | 207-1 | 0.38    | 0.37    | 0.45    | 0.40       | 11.12   | ppb   |
| Lead       | 208-1 | 0.42    | 0.41    | 0.45    | 0.43       | 5.33    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1024.37 | 1048.52 | 1013.54 | 1028.81    | 1.74    | ppb   |
| Manganese  | 55-2  | 13.49   | 13.18   | 13.55   | 13.41      | 1.50    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-06 Instrumnet Name : P8  
 Client Sample ID : DC20894-42-FL2-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:10:40 DataFile Name : 098SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.01    | 0.01       | 115.69  | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.02    | 0.01    | 0.01       | 67.38   | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.03   | -0.06   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.00    | 0.00       | 326.61  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.08    | 0.10    | 0.10    | 0.09       | 8.68    | ppb   |
| Phosphorus | 31-2  | 678.33  | 660.27  | 525.64  | 621.41     | 13.43   | ppb   |
| Potassium  | 39-2  | 462.02  | 475.86  | 437.38  | 458.42     | 4.25    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.68    | -0.08      |         | ppb   |
| Selenium   | 78-2  | 0.60    | 0.59    | -0.27   | 0.31       | 161.89  | ppb   |
| Selenium   | 82-1  | -0.19   | 0.14    | -0.23   | -0.09      |         | ppb   |
| Silicon    | 28-1  | 979.32  | 1003.80 | 1010.86 | 997.99     | 1.66    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 37.31   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 61.55   | ppb   |
| Sodium     | 23-2  | 9272.95 | 9338.28 | 8994.41 | 9201.88    | 1.98    | ppb   |
| Strontium  | 86-1  | 18.53   | 18.18   | 19.09   | 18.60      | 2.47    | ppb   |
| Strontium  | 88-1  | 18.95   | 18.84   | 19.52   | 19.10      | 1.90    | ppb   |
| Sulfur     | 34-1  | 1978.16 | 2229.43 | 2319.86 | 2175.81    | 8.14    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.33    | 0.29    | 0.36    | 0.33       | 12.01   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.02    | 0.01    | 0.01       | 81.29   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 18.73   | 17.95   | 17.55   | 18.08      | 3.32    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.02    | 0.01       | 37.91   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-06             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-42-FL2-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:10:40  | DataFile Name :   | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.05    | 0.05    | 0.04       | 19.87   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-07 Instrumnet Name : P8  
 Client Sample ID : DC20894-43-FL2-PLG-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:13:48 DataFile Name : 099SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 16.94   | 17.99   | 12.55   | 15.83      | 18.22   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.05    | 0.04    | 0.04       | 25.33   | ppb   |
| Arsenic    | 75-2  | 0.14    | 0.15    | 0.13    | 0.14       | 8.33    | ppb   |
| Barium     | 135-1 | 17.30   | 17.91   | 16.71   | 17.31      | 3.46    | ppb   |
| Barium     | 137-1 | 17.68   | 17.51   | 17.12   | 17.44      | 1.66    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.08   | -0.07   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.61    | 4.59    | 3.79    | 4.00       | 13.04   | ppb   |
| Boron      | 11-1  | 3.76    | 4.36    | 3.96    | 4.02       | 7.55    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.13   | -0.06   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -1.09   | -1.40   | -0.53   | -1.01      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | -0.09   | -0.14   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4435.72 | 4430.41 | 4345.07 | 4403.74    | 1.16    | ppb   |
| Calcium    | 44-1  | 4654.55 | 4506.85 | 4582.59 | 4581.33    | 1.61    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.06   | -0.11   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Copper     | 63-2  | 118.62  | 120.85  | 119.97  | 119.81     | 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  | 20.01   | 19.04   | 21.03   | 20.03      | 4.96    | ppb   |
| Iron       | 57-2  | 19.24   | 20.67   | 18.71   | 19.54      | 5.19    | ppb   |
| Lead       | 206-1 | 0.19    | 0.23    | 0.24    | 0.22       | 13.35   | ppb   |
| Lead       | 207-1 | 0.20    | 0.17    | 0.16    | 0.18       | 9.96    | ppb   |
| Lead       | 208-1 | 0.19    | 0.18    | 0.20    | 0.19       | 4.84    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1019.66 | 1056.75 | 1028.52 | 1034.98    | 1.87    | ppb   |
| Manganese  | 55-2  | 14.08   | 14.23   | 12.98   | 13.76      | 4.97    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-07 Instrumnet Name : P8  
 Client Sample ID : DC20894-43-FL2-PLG-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:13:48 DataFile Name : 099SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.02    | 0.02       | 20.31   | ppb   |
| Molybdenum | 95-1  | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.02    | -0.01   | 0.00       | 311.94  | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.05   | -0.05   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.05    | 0.06    | 0.08    | 0.06       | 19.50   | ppb   |
| Phosphorus | 31-2  | 817.82  | 763.58  | 627.80  | 736.40     | 13.29   | ppb   |
| Potassium  | 39-2  | 443.58  | 465.30  | 460.71  | 456.53     | 2.51    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -1.11   | -0.27   | 0.14    | -0.41      |         | ppb   |
| Selenium   | 82-1  | -0.28   | -0.08   | 0.19    | -0.06      |         | ppb   |
| Silicon    | 28-1  | 987.84  | 991.18  | 991.15  | 990.06     | 0.19    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 74.44   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 73.12   | ppb   |
| Sodium     | 23-2  | 9133.18 | 9209.63 | 9291.63 | 9211.48    | 0.86    | ppb   |
| Strontium  | 86-1  | 18.06   | 17.99   | 17.82   | 17.96      | 0.70    | ppb   |
| Strontium  | 88-1  | 18.34   | 18.58   | 18.30   | 18.41      | 0.82    | ppb   |
| Sulfur     | 34-1  | 2036.79 | 2200.66 | 2274.44 | 2170.63    | 5.60    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.66    | 0.33    | 0.39    | 0.46       | 38.19   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.02    | 0.03    | 0.02       | 61.12   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 16.51   | 16.10   | 17.94   | 16.85      | 5.74    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.04    | 0.04    | 0.04       | 15.10   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-07             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-43-FL2-PLG-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:13:48  | DataFile Name :   | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.07    | 0.05    | 0.05       | 21.95   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:16:56 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.69    | 12.30   | 6.87    | 8.95       | 32.68   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 9004.01 | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.03   | 0.03    | -0.01      |         | ppb   |
| Barium     | 135-1 | -0.07   | -0.09   | -0.08   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.06   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.58    | 0.95    | 0.76    | 0.76       | 24.17   | ppb   |
| Boron      | 11-1  | 0.44    | 1.02    | 0.71    | 0.72       | 39.57   | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.09   | -0.12   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -0.61   | -0.95   | -1.23   | -0.93      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.08   | -0.08   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 24.38   | 24.50   | 28.42   | 25.77      | 8.93    | ppb   |
| Calcium    | 44-1  | 15.67   | 19.57   | 14.24   | 16.49      | 16.72   | ppb   |
| Chromium   | 52-2  | -0.13   | -0.09   | -0.09   | -0.11      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Copper     | 63-2  | -0.06   | -0.10   | -0.08   | -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  | 0.31    | 0.16    | 0.18    | 0.22       | 36.06   | ppb   |
| Iron       | 57-2  | -0.47   | -0.56   | 0.22    | -0.27      |         | ppb   |
| Lead       | 206-1 | 477.92  | 497.20  | 486.30  | 487.14     | 1.98    | ppb   |
| Lead       | 207-1 | 478.14  | 502.09  | 480.75  | 487.00     | 2.70    | ppb   |
| Lead       | 208-1 | 480.15  | 500.78  | 484.28  | 488.40     | 2.23    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.97   | -0.04   | -0.80   | -0.61      |         | ppb   |
| Manganese  | 55-2  | -0.10   | 0.01    | -0.13   | -0.07      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:16:56 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.08   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.16   | -0.18   | -0.10   | -0.15      |         | ppb   |
| Phosphorus | 31-2  | 25.55   | -10.77  | 1.59    | 5.46       | 338.36  | ppb   |
| Potassium  | 39-2  | 3.53    | 4.91    | -5.29   | 1.05       | 525.86  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 0.70    | 1.12    | -1.11   | 0.24       | 500.00  | ppb   |
| Selenium   | 82-1  | -0.10   | 0.43    | 1.00    | 0.44       | 123.94  | ppb   |
| Silicon    | 28-1  | -16.92  | -15.95  | -16.18  | -16.35     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 349.57  | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 51.33   | ppb   |
| Sodium     | 23-2  | 4.90    | -1.33   | 0.90    | 1.49       | 212.00  | ppb   |
| Strontium  | 86-1  | -0.07   | 0.00    | -0.02   | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 1619.01 | 1528.74 | 1593.63 | 1580.46    | 2.95    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.27    | 0.49    | 0.22    | 0.33       | 44.13   | ppb   |
| Titanium   | 47-1  | 0.06    | 0.02    | 0.02    | 0.03       | 75.93   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.17   | -0.19   | -0.12   | -0.16      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.01    | 0.00    | 0.00       | 1786.88 | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:16:56 | DataFile Name :   | 100SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.01    | 0.00       | 101.15  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:20:05 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.77    | 1.88    | 1.82    | 2.16       | 24.80   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 160.19  | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.02   | -0.05   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.07   | -0.10   | -0.08   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.08   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.06   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.32   | 0.12    | 0.15    | -0.02      |         | ppb   |
| Boron      | 11-1  | 0.03    | -0.09   | -0.06   | -0.04      |         | ppb   |
| Cadmium    | 111-1 | -0.16   | -0.05   | -0.16   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.90   | -0.32   | -1.81   | -1.34      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.11   | -0.05   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 37.96   | 36.12   | 17.19   | 30.42      | 37.79   | ppb   |
| Calcium    | 44-1  | 18.00   | 15.14   | 15.54   | 16.23      | 9.53    | ppb   |
| Chromium   | 52-2  | -0.07   | 0.00    | 0.01    | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.05   | -0.08   | -0.08   | -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  | 0.44    | 0.25    | 0.13    | 0.27       | 57.95   | ppb   |
| Iron       | 57-2  | -0.66   | -0.96   | -0.14   | -0.59      |         | ppb   |
| Lead       | 206-1 | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lead       | 207-1 | -0.06   | -0.02   | -0.04   | -0.04      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.45   | -0.66   | -1.83   | -1.31      |         | ppb   |
| Manganese  | 55-2  | -0.10   | -0.09   | -0.11   | -0.10      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:20:05 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.18   | -0.16   | -0.16   | -0.17      |         | ppb   |
| Phosphorus | 31-2  | -10.28  | -10.56  | 12.37   | -2.82      |         | ppb   |
| Potassium  | 39-2  | 4.33    | -1.12   | -5.51   | -0.77      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.84    | 1.90    | 0.93       | 176.17  | ppb   |
| Selenium   | 78-2  | 0.25    | 0.24    | 0.26    | 0.25       | 5.03    | ppb   |
| Selenium   | 82-1  | 1.04    | 0.41    | 0.16    | 0.54       | 84.29   | ppb   |
| Silicon    | 28-1  | -17.55  | -17.33  | -21.35  | -18.74     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 36.42   | ppb   |
| Sodium     | 23-2  | 1.74    | -0.71   | 0.57    | 0.53       | 228.73  | ppb   |
| Strontium  | 86-1  | -0.02   | 0.00    | -0.09   | -0.03      |         | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2017.24 | 2097.65 | 2016.57 | 2043.82    | 2.28    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.03    | 0.05    | 0.01    | 0.03       | 66.85   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 2.33    | 1.85    | 1.67    | 1.95       | 17.56   | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.02   | 0.00    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:20:05 | DataFile Name :   | 101SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.00    | 0.01       | 93.08   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-08 Instrumnet Name : P8  
 Client Sample ID : DC20894-44-FL2-PLG-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:23:16 DataFile Name : 102SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.23   | 6.98    | 11.80   | 12.67      | 48.72   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.03    | 0.04    | 0.04       | 18.09   | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.13    | 0.18    | 0.17       | 24.51   | ppb   |
| Barium     | 135-1 | 18.41   | 17.03   | 17.21   | 17.55      | 4.27    | ppb   |
| Barium     | 137-1 | 18.37   | 17.54   | 17.40   | 17.77      | 2.94    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.08   | -0.09   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.71    | 2.80    | 3.56    | 3.36       | 14.47   | ppb   |
| Boron      | 11-1  | 3.49    | 3.48    | 3.26    | 3.41       | 3.73    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.12   | -0.08   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.59   | -1.40   | -0.87   | -1.29      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.11   | -0.14   | -0.12      |         | ppb   |
| Calcium    | 43-1  | 4594.53 | 4345.79 | 4417.61 | 4452.64    | 2.88    | ppb   |
| Calcium    | 44-1  | 4740.08 | 4581.85 | 4494.63 | 4605.52    | 2.70    | ppb   |
| Chromium   | 52-2  | -0.16   | -0.09   | -0.01   | -0.09      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Copper     | 63-2  | 111.14  | 110.10  | 112.84  | 111.36     | 1.24    | 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  | 17.85   | 19.61   | 18.62   | 18.70      | 4.71    | ppb   |
| Iron       | 57-2  | 17.78   | 17.19   | 17.89   | 17.62      | 2.14    | ppb   |
| Lead       | 206-1 | 0.17    | 0.17    | 0.14    | 0.16       | 10.32   | ppb   |
| Lead       | 207-1 | 0.13    | 0.15    | 0.13    | 0.14       | 7.00    | ppb   |
| Lead       | 208-1 | 0.15    | 0.15    | 0.14    | 0.15       | 2.39    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1037.72 | 1019.08 | 1007.22 | 1021.34    | 1.51    | ppb   |
| Manganese  | 55-2  | 13.66   | 12.95   | 13.37   | 13.33      | 2.70    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-08 Instrumnet Name : P8  
 Client Sample ID : DC20894-44-FL2-PLG-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:23:16 DataFile Name : 102SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 18.88   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.01    | 0.00    | 0.01       | 92.93   | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.17    | 0.16    | 0.14    | 0.16       | 9.29    | ppb   |
| Phosphorus | 31-2  | 740.70  | 602.97  | 628.66  | 657.44     | 11.14   | ppb   |
| Potassium  | 39-2  | 438.54  | 420.96  | 468.27  | 442.59     | 5.40    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 4.28    | -0.96   | 4.33    | 2.55       | 119.16  | ppb   |
| Selenium   | 78-2  | -0.27   | -0.27   | 0.16    | -0.13      |         | ppb   |
| Selenium   | 82-1  | -0.44   | 0.26    | -0.28   | -0.16      |         | ppb   |
| Silicon    | 28-1  | 1022.79 | 1031.36 | 976.75  | 1010.30    | 2.91    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 22.25   | ppb   |
| Sodium     | 23-2  | 9203.33 | 9052.22 | 9339.19 | 9198.25    | 1.56    | ppb   |
| Strontium  | 86-1  | 19.15   | 18.54   | 18.72   | 18.80      | 1.66    | ppb   |
| Strontium  | 88-1  | 19.37   | 18.75   | 18.62   | 18.91      | 2.13    | ppb   |
| Sulfur     | 34-1  | 748.76  | 330.95  | 283.45  | 454.39     | 56.35   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.29    | 0.37    | 0.30    | 0.32       | 13.23   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.00    | 0.01    | 0.01       | 96.96   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 12.98   | 12.18   | 13.00   | 12.72      | 3.69    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.03    | 0.02    | 0.03       | 31.94   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-08             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-44-FL2-PLG-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:23:16  | DataFile Name :   | 102SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.01    | 0.02       | 33.48   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-09 Instrumnet Name : P8  
 Client Sample ID : DC20894-45-FL2-HA-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:26:24 DataFile Name : 103SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.34   | 27.61   | 12.75   | 16.90      | 55.34   | ppb   |
| Antimony   | 121-1 | 0.08    | 0.07    | 0.08    | 0.08       | 8.95    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.30    | 0.19    | 0.27       | 25.30   | ppb   |
| Barium     | 135-1 | 18.18   | 18.06   | 19.10   | 18.45      | 3.10    | ppb   |
| Barium     | 137-1 | 18.65   | 18.15   | 17.93   | 18.25      | 2.02    | ppb   |
| Beryllium  | 9-1   | -0.10   | -0.08   | -0.09   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.09    | 3.28    | 2.44    | 2.94       | 15.02   | ppb   |
| Boron      | 11-1  | 3.43    | 3.48    | 3.55    | 3.49       | 1.85    | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.15   | -0.19   | -0.16      |         | ppb   |
| Cadmium    | 106-1 | -1.93   | -1.77   | -2.37   | -2.02      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.06   | -0.09   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 4487.73 | 4400.11 | 4462.45 | 4450.09    | 1.01    | ppb   |
| Calcium    | 44-1  | 4696.40 | 4588.04 | 4611.14 | 4631.86    | 1.23    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.04   | -0.14   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 110.40  | 116.91  | 109.44  | 112.25     | 3.62    | 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  | 14.86   | 17.29   | 14.44   | 15.53      | 9.91    | ppb   |
| Iron       | 57-2  | 15.92   | 13.50   | 18.39   | 15.94      | 15.37   | ppb   |
| Lead       | 206-1 | 0.81    | 0.74    | 0.76    | 0.77       | 4.41    | ppb   |
| Lead       | 207-1 | 0.70    | 0.66    | 0.71    | 0.69       | 3.74    | ppb   |
| Lead       | 208-1 | 0.72    | 0.71    | 0.72    | 0.72       | 1.09    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1043.18 | 1127.43 | 1027.33 | 1065.98    | 5.05    | ppb   |
| Manganese  | 55-2  | 10.32   | 11.31   | 11.15   | 10.93      | 4.86    | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-09 Instrumnet Name : P8  
 Client Sample ID : DC20894-45-FL2-HA-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:26:24 DataFile Name : 103SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.01    | 0.00       | 255.23  | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.02    | -0.01   | 0.00       | 344.61  | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.06   | -0.05   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | 289.49  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 9.87    | 10.68   | 9.97    | 10.17      | 4.32    | ppb   |
| Phosphorus | 31-2  | 668.12  | 747.45  | 728.34  | 714.64     | 5.79    | ppb   |
| Potassium  | 39-2  | 424.29  | 488.80  | 443.91  | 452.33     | 7.31    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.70    | -0.07      |         | ppb   |
| Selenium   | 78-2  | -1.11   | 0.72    | 0.16    | -0.07      |         | ppb   |
| Selenium   | 82-1  | -0.73   | 0.28    | 0.32    | -0.05      |         | ppb   |
| Silicon    | 28-1  | 947.69  | 951.87  | 965.08  | 954.88     | 0.95    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 31.57   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 23.93   | ppb   |
| Sodium     | 23-2  | 9278.22 | 9730.04 | 9323.07 | 9443.78    | 2.64    | ppb   |
| Strontium  | 86-1  | 18.78   | 18.51   | 19.02   | 18.77      | 1.34    | ppb   |
| Strontium  | 88-1  | 19.01   | 18.98   | 18.97   | 18.99      | 0.11    | ppb   |
| Sulfur     | 34-1  | 120.67  | -200.93 | 17.24   | -21.01     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.06   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.29    | 0.30    | 0.32    | 0.30       | 4.45    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.05    | 0.03    | 0.03       | 58.33   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 67.32   | 72.49   | 68.58   | 69.46      | 3.88    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 20.57   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-09             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-45-FL2-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:26:24  | DataFile Name :   | 103SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.04    | 0.03       | 24.63   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-10 Instrumnet Name : P8  
 Client Sample ID : DC20894-46-FL2-HA-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:29:31 DataFile Name : 104SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 43.70   | 52.12   | 39.74   | 45.19      | 13.99   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 5.85    | ppb   |
| Arsenic    | 75-2  | 0.13    | 0.14    | 0.29    | 0.19       | 47.16   | ppb   |
| Barium     | 135-1 | 19.85   | 19.21   | 19.98   | 19.68      | 2.09    | ppb   |
| Barium     | 137-1 | 19.32   | 19.21   | 19.61   | 19.38      | 1.06    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.06   | -0.06   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.27    | 4.18    | 3.89    | 3.78       | 12.38   | ppb   |
| Boron      | 11-1  | 3.70    | 4.02    | 3.83    | 3.85       | 4.18    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.11   | -0.17   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -0.68   | -1.41   | -2.08   | -1.39      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | -0.11   | -0.11   | -0.10      |         | ppb   |
| Calcium    | 43-1  | 4492.63 | 4461.92 | 4471.47 | 4475.34    | 0.35    | ppb   |
| Calcium    | 44-1  | 4515.30 | 4590.14 | 4573.39 | 4559.61    | 0.86    | ppb   |
| Chromium   | 52-2  | -0.09   | 0.03    | -0.02   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 89.76   | 88.49   | 93.36   | 90.53      | 2.79    | 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  | 19.26   | 17.59   | 20.09   | 18.98      | 6.72    | ppb   |
| Iron       | 57-2  | 17.28   | 16.52   | 18.82   | 17.54      | 6.70    | ppb   |
| Lead       | 206-1 | 0.55    | 0.51    | 0.50    | 0.52       | 4.75    | ppb   |
| Lead       | 207-1 | 0.44    | 0.43    | 0.44    | 0.44       | 1.75    | ppb   |
| Lead       | 208-1 | 0.47    | 0.46    | 0.48    | 0.47       | 1.62    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1040.82 | 1020.77 | 1077.02 | 1046.20    | 2.73    | ppb   |
| Manganese  | 55-2  | 10.03   | 10.19   | 10.50   | 10.24      | 2.33    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-10             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-46-FL2-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:29:31  | DataFile Name :   | 104SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.04    | 0.02    | 0.03       | 46.31   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.02    | 0.02    | 0.01       | 63.00   | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.07   | -0.04   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.57    | 1.51    | 1.83    | 1.64       | 10.38   | ppb   |
| Phosphorus | 31-2  | 780.82  | 708.14  | 670.22  | 719.72     | 7.81    | ppb   |
| Potassium  | 39-2  | 460.15  | 434.18  | 499.12  | 464.48     | 7.04    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.25   | -0.26   | -0.23   | -0.25      |         | ppb   |
| Selenium   | 82-1  | 0.44    | 0.39    | 0.09    | 0.31       | 61.29   | ppb   |
| Silicon    | 28-1  | 966.40  | 959.57  | 958.31  | 961.43     | 0.45    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 26.09   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 7.50    | ppb   |
| Sodium     | 23-2  | 9343.28 | 9139.40 | 9721.44 | 9401.37    | 3.14    | ppb   |
| Strontium  | 86-1  | 18.95   | 18.92   | 19.55   | 19.14      | 1.86    | ppb   |
| Strontium  | 88-1  | 19.51   | 19.37   | 19.28   | 19.39      | 0.60    | ppb   |
| Sulfur     | 34-1  | -82.54  | -132.08 | 45.55   | -56.36     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.05   | -0.05   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.24    | 0.38    | 0.31    | 0.31       | 23.58   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.03    | 0.02    | 0.03       | 14.48   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 23.04   | 21.66   | 23.81   | 22.83      | 4.77    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.03    | 0.04    | 0.04       | 27.52   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-10             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-46-FL2-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:29:31  | DataFile Name :   | 104SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.07    | 0.09    | 0.07       | 27.08   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-11 Instrumnet Name : P8  
 Client Sample ID : DC20894-47-FL2-BRA-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:32:40 DataFile Name : 105SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 52.72   | 49.95   | 53.58   | 52.08      | 3.64    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.06    | 0.06    | 0.06       | 7.12    | ppb   |
| Arsenic    | 75-2  | 0.09    | 0.24    | 0.31    | 0.21       | 52.37   | ppb   |
| Barium     | 135-1 | 20.62   | 19.84   | 19.38   | 19.95      | 3.13    | ppb   |
| Barium     | 137-1 | 20.26   | 19.98   | 19.80   | 20.01      | 1.16    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.20    | 3.61    | 4.16    | 3.66       | 13.13   | ppb   |
| Boron      | 11-1  | 3.97    | 3.99    | 4.26    | 4.08       | 3.92    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.10   | -0.09   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -0.95   | -0.98   | -0.87   | -0.93      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.06   | -0.03   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4395.28 | 4491.55 | 4470.43 | 4452.42    | 1.14    | ppb   |
| Calcium    | 44-1  | 4547.77 | 4619.25 | 4547.87 | 4571.63    | 0.90    | ppb   |
| Chromium   | 52-2  | -0.10   | -0.01   | -0.02   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 88.14   | 85.13   | 84.74   | 86.00      | 2.16    | 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  | 18.83   | 18.55   | 18.84   | 18.74      | 0.87    | ppb   |
| Iron       | 57-2  | 21.74   | 22.08   | 17.34   | 20.39      | 12.96   | ppb   |
| Lead       | 206-1 | 0.45    | 0.45    | 0.46    | 0.45       | 1.60    | ppb   |
| Lead       | 207-1 | 0.43    | 0.44    | 0.40    | 0.42       | 5.06    | ppb   |
| Lead       | 208-1 | 0.43    | 0.44    | 0.43    | 0.43       | 1.98    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1089.65 | 992.54  | 1018.02 | 1033.40    | 4.87    | ppb   |
| Manganese  | 55-2  | 11.28   | 9.67    | 9.69    | 10.21      | 9.08    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-11             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-47-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:32:40  | DataFile Name :   | 105SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.01    | 0.01       | 46.70   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.00    | 0.00       | 203.80  | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.03   | -0.07   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.14    | 1.00    | 1.09    | 1.08       | 6.76    | ppb   |
| Phosphorus | 31-2  | 797.90  | 530.41  | 661.06  | 663.12     | 20.17   | ppb   |
| Potassium  | 39-2  | 480.30  | 441.79  | 426.63  | 449.57     | 6.16    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.74    | 1.72    | 4.46    | 2.64       | 59.74   | ppb   |
| Selenium   | 78-2  | -1.11   | -1.11   | 0.19    | -0.68      |         | ppb   |
| Selenium   | 82-1  | 0.32    | -0.50   | -0.50   | -0.22      |         | ppb   |
| Silicon    | 28-1  | 975.42  | 977.88  | 968.70  | 974.00     | 0.49    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 68.24   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 81.59   | ppb   |
| Sodium     | 23-2  | 9451.13 | 9058.79 | 9216.91 | 9242.28    | 2.14    | ppb   |
| Strontium  | 86-1  | 19.12   | 19.32   | 19.10   | 19.18      | 0.65    | ppb   |
| Strontium  | 88-1  | 19.39   | 19.26   | 19.43   | 19.36      | 0.44    | ppb   |
| Sulfur     | 34-1  | 198.04  | 564.75  | 390.46  | 384.42     | 47.72   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.01   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.21    | 0.25    | 0.37    | 0.28       | 28.95   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.04    | 0.03    | 0.03       | 56.96   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 20.79   | 18.90   | 19.93   | 19.87      | 4.75    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.01    | 0.03    | 0.03       | 65.47   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-11             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-47-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:32:40  | DataFile Name :   | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.04    | 0.04       | 20.27   | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-12 Instrumnet Name : P8  
 Client Sample ID : DC20894-48-FL2-BRA-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:35:47 DataFile Name : 106SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 28.90   | 27.59   | 38.15   | 31.55      | 18.26   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.08    | 0.08    | 0.07       | 14.13   | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.13    | 0.23    | 0.18       | 26.46   | ppb   |
| Barium     | 135-1 | 19.57   | 18.71   | 18.71   | 19.00      | 2.60    | ppb   |
| Barium     | 137-1 | 19.23   | 18.86   | 19.03   | 19.04      | 0.98    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.39    | 3.62    | 4.40    | 3.80       | 13.88   | ppb   |
| Boron      | 11-1  | 3.67    | 3.81    | 3.82    | 3.77       | 2.22    | ppb   |
| Cadmium    | 111-1 | -0.17   | -0.10   | -0.14   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -2.19   | -1.13   | -1.67   | -1.66      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | -0.03   | -0.06   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 4667.19 | 4484.41 | 4485.78 | 4545.79    | 2.31    | ppb   |
| Calcium    | 44-1  | 4725.25 | 4612.52 | 4596.06 | 4644.61    | 1.51    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.08   | -0.01   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Copper     | 63-2  | 90.16   | 88.33   | 88.76   | 89.08      | 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  | 16.67   | 15.13   | 15.86   | 15.88      | 4.86    | ppb   |
| Iron       | 57-2  | 21.62   | 15.33   | 18.15   | 18.36      | 17.16   | ppb   |
| Lead       | 206-1 | 0.47    | 0.50    | 0.41    | 0.46       | 9.63    | ppb   |
| Lead       | 207-1 | 0.44    | 0.42    | 0.42    | 0.43       | 2.01    | ppb   |
| Lead       | 208-1 | 0.46    | 0.42    | 0.42    | 0.44       | 5.54    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1053.67 | 1030.15 | 1036.87 | 1040.23    | 1.17    | ppb   |
| Manganese  | 55-2  | 9.95    | 9.90    | 9.87    | 9.91       | 0.45    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-12             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-48-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:35:47  | DataFile Name :   | 106SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.00    | 0.01       | 30.54   | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.04   | -0.05   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.98    | 1.89    | 1.92    | 1.93       | 2.40    | ppb   |
| Phosphorus | 31-2  | 694.37  | 795.06  | 642.94  | 710.79     | 10.89   | ppb   |
| Potassium  | 39-2  | 446.80  | 435.73  | 447.41  | 443.31     | 1.48    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.71    | -0.07      |         | ppb   |
| Selenium   | 78-2  | -0.25   | 0.17    | 0.17    | 0.03       | 742.85  | ppb   |
| Selenium   | 82-1  | 0.17    | 1.01    | 0.66    | 0.61       | 69.41   | ppb   |
| Silicon    | 28-1  | 1093.21 | 966.40  | 970.80  | 1010.14    | 7.13    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 46.64   | ppb   |
| Silver     | 107-1 | 0.02    | 0.00    | 0.00    | 0.01       | 88.77   | ppb   |
| Sodium     | 23-2  | 9401.81 | 9120.82 | 9101.53 | 9208.05    | 1.83    | ppb   |
| Strontium  | 86-1  | 20.14   | 19.14   | 18.47   | 19.25      | 4.37    | ppb   |
| Strontium  | 88-1  | 20.08   | 19.32   | 19.19   | 19.53      | 2.46    | ppb   |
| Sulfur     | 34-1  | 699.26  | 214.10  | 417.01  | 443.45     | 54.95   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.06   | -0.05   | -0.08   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.23    | 0.19    | 0.17    | 0.20       | 16.92   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.01    | 0.06    | 0.04       | 63.63   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 24.07   | 22.75   | 23.75   | 23.52      | 2.92    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 18.26   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-12             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-48-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:35:47  | DataFile Name :   | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.02    | 0.02    | 0.03       | 62.89   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-13 Instrumnet Name : P8  
 Client Sample ID : DC20894-49-FL2-CL6-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:38:56 DataFile Name : 107SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 47.84   | 44.48   | 42.33   | 44.88      | 6.19    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.06    | 0.06       | 9.50    | ppb   |
| Arsenic    | 75-2  | 0.13    | 0.30    | 0.17    | 0.20       | 43.52   | ppb   |
| Barium     | 135-1 | 18.93   | 19.46   | 20.12   | 19.50      | 3.05    | ppb   |
| Barium     | 137-1 | 19.17   | 19.38   | 20.10   | 19.55      | 2.48    | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.10    | 3.91    | 4.81    | 4.27       | 11.14   | ppb   |
| Boron      | 11-1  | 3.64    | 3.84    | 4.02    | 3.84       | 4.96    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.12   | -0.17   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -1.81   | -1.34   | -1.79   | -1.65      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.09   | 0.14    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 4506.80 | 4388.66 | 4456.74 | 4450.74    | 1.33    | ppb   |
| Calcium    | 44-1  | 4581.53 | 4512.50 | 4630.79 | 4574.94    | 1.30    | ppb   |
| Chromium   | 52-2  | -0.05   | -0.02   | -0.05   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Copper     | 63-2  | 88.99   | 87.66   | 86.57   | 87.74      | 1.38    | 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  | 17.91   | 17.55   | 17.34   | 17.60      | 1.63    | ppb   |
| Iron       | 57-2  | 12.54   | 19.02   | 16.57   | 16.04      | 20.39   | ppb   |
| Lead       | 206-1 | 0.44    | 0.44    | 0.47    | 0.45       | 3.70    | ppb   |
| Lead       | 207-1 | 0.44    | 0.44    | 0.40    | 0.43       | 5.92    | ppb   |
| Lead       | 208-1 | 0.42    | 0.45    | 0.45    | 0.44       | 4.34    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1048.26 | 1031.43 | 1039.12 | 1039.60    | 0.81    | ppb   |
| Manganese  | 55-2  | 9.66    | 9.92    | 10.26   | 9.95       | 3.02    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-13 Instrumnet Name : P8  
 Client Sample ID : DC20894-49-FL2-CL6-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:38:56 DataFile Name : 107SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.01    | 0.01       | 74.62    | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.01    | 0.00       | 320.68   | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.00    | 0.00       | 58322.27 | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.04   | -0.06   | -0.04      |          | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.01    | 0.01       | 33.98    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | 1.19    | 1.27    | 1.30    | 1.25       | 4.25     | ppb   |
| Phosphorus | 31-2  | 680.27  | 700.28  | 532.38  | 637.64     | 14.38    | ppb   |
| Potassium  | 39-2  | 453.09  | 437.05  | 438.51  | 442.88     | 2.00     | ppb   |
| Rhodium    | 103-1 |         |         |         |            |          | %     |
| Rhodium    | 103-2 |         |         |         |            |          | %     |
| Scandium   | 45-1  |         |         |         |            |          | %     |
| Scandium   | 45-2  |         |         |         |            |          | %     |
| Selenium   | 77-2  | 1.74    | 7.07    | -0.96   | 2.62       | 156.14   | ppb   |
| Selenium   | 78-2  | -0.25   | 1.45    | -0.26   | 0.32       | 311.11   | ppb   |
| Selenium   | 82-1  | 0.34    | 0.57    | -0.58   | 0.11       | 555.13   | ppb   |
| Silicon    | 28-1  | 1006.67 | 956.01  | 1004.37 | 989.01     | 2.89     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 105.79   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 19.68    | ppb   |
| Sodium     | 23-2  | 9386.41 | 9330.06 | 9144.32 | 9286.93    | 1.36     | ppb   |
| Strontium  | 86-1  | 19.47   | 19.09   | 18.94   | 19.17      | 1.44     | ppb   |
| Strontium  | 88-1  | 19.63   | 19.03   | 19.73   | 19.46      | 1.95     | ppb   |
| Sulfur     | 34-1  | 389.10  | 360.17  | 373.69  | 374.32     | 3.87     | ppb   |
| Terbium    | 159-1 |         |         |         |            |          | %     |
| Terbium    | 159-2 |         |         |         |            |          | %     |
| Thallium   | 203-1 | -0.03   | -0.05   | -0.03   | -0.04      |          | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |          | ppb   |
| Tin        | 118-1 | -0.05   | -0.04   | -0.04   | -0.05      |          | ppb   |
| Titanium   | 47-1  | 0.40    | 0.24    | 0.40    | 0.35       | 25.96    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |          | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.02    | 0.05    | 0.03       | 58.50    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |          | %     |
| Yttrium    | 89-2  |         |         |         |            |          | %     |
| Zinc       | 66-2  | 20.24   | 22.31   | 21.22   | 21.26      | 4.86     | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 11.49    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-13             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-49-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:38:56  | DataFile Name :   | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.01    | 0.02       | 34.09   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-14 Instrumnet Name : P8  
 Client Sample ID : DC20894-50-FL2-CL6-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:42:05 DataFile Name : 108SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 63.76   | 64.51   | 59.73   | 62.67      | 4.10    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.04    | 0.05    | 0.05       | 14.61   | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.22    | 0.20    | 0.22       | 5.48    | ppb   |
| Barium     | 135-1 | 19.97   | 20.08   | 20.82   | 20.29      | 2.28    | ppb   |
| Barium     | 137-1 | 19.84   | 20.43   | 20.39   | 20.22      | 1.62    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.63    | 4.46    | 4.06    | 4.38       | 6.73    | ppb   |
| Boron      | 11-1  | 3.71    | 3.93    | 4.51    | 4.05       | 10.14   | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.16   | -0.09   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.73   | -1.96   | -0.95   | -1.55      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.14   | -0.09   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 4382.70 | 4350.25 | 4521.26 | 4418.07    | 2.06    | ppb   |
| Calcium    | 44-1  | 4551.59 | 4460.36 | 4646.26 | 4552.73    | 2.04    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.08   | -0.07   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 87.57   | 86.92   | 86.91   | 87.13      | 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  | 22.42   | 19.53   | 18.61   | 20.19      | 9.86    | ppb   |
| Iron       | 57-2  | 18.64   | 23.60   | 16.48   | 19.57      | 18.66   | ppb   |
| Lead       | 206-1 | 0.45    | 0.46    | 0.49    | 0.47       | 4.35    | ppb   |
| Lead       | 207-1 | 0.38    | 0.36    | 0.40    | 0.38       | 5.68    | ppb   |
| Lead       | 208-1 | 0.43    | 0.41    | 0.43    | 0.42       | 2.40    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1048.27 | 1037.40 | 1062.02 | 1049.23    | 1.18    | ppb   |
| Manganese  | 55-2  | 10.43   | 10.40   | 10.05   | 10.29      | 2.04    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-14             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-50-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:42:05  | DataFile Name :   | 108SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.04    | 0.02       | 93.94   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.01    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | 0.01    | 0.00       | 422.67  | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.07   | -0.03   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.91    | 0.90    | 0.77    | 0.86       | 9.22    | ppb   |
| Phosphorus | 31-2  | 535.56  | 671.82  | 576.47  | 594.62     | 11.76   | ppb   |
| Potassium  | 39-2  | 453.10  | 459.15  | 447.79  | 453.35     | 1.25    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 0.57    | -0.69   | -0.69   | -0.27      |         | ppb   |
| Selenium   | 82-1  | 0.34    | -0.05   | -0.34   | -0.01      |         | ppb   |
| Silicon    | 28-1  | 964.49  | 964.48  | 1011.00 | 979.99     | 2.74    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 72.52   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 45.69   | ppb   |
| Sodium     | 23-2  | 9437.95 | 9243.45 | 9465.59 | 9382.33    | 1.29    | ppb   |
| Strontium  | 86-1  | 19.22   | 19.23   | 19.63   | 19.36      | 1.22    | ppb   |
| Strontium  | 88-1  | 19.55   | 19.37   | 19.85   | 19.59      | 1.24    | ppb   |
| Sulfur     | 34-1  | 61.54   | 13.74   | 524.33  | 199.87     | 141.09  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.23    | 0.31    | 0.29    | 0.28       | 14.55   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.03    | 0.02    | 0.04       | 50.51   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 19.49   | 19.10   | 21.00   | 19.86      | 5.03    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 13.28   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-14             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-50-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:42:05  | DataFile Name :   | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.15    | 0.04    | 0.05    | 0.08       | 76.26   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-15             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-51-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:45:12  | DataFile Name :   | 109SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 70.34   | 64.57   | 71.86   | 68.92      | 5.58    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.05    | 0.06       | 10.41   | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.17    | 0.22    | 0.20       | 12.40   | ppb   |
| Barium     | 135-1 | 19.13   | 20.44   | 19.97   | 19.85      | 3.35    | ppb   |
| Barium     | 137-1 | 19.68   | 20.34   | 20.18   | 20.07      | 1.72    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.13    | 4.38    | 3.37    | 3.96       | 13.32   | ppb   |
| Boron      | 11-1  | 4.06    | 3.94    | 4.35    | 4.12       | 5.08    | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.17   | -0.08   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.57   | -2.02   | -0.75   | -1.44      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | -0.09   | -0.09   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4350.36 | 4452.43 | 4496.27 | 4433.02    | 1.69    | ppb   |
| Calcium    | 44-1  | 4496.62 | 4586.07 | 4596.08 | 4559.59    | 1.20    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.04   | -0.07   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | 86.24   | 85.68   | 84.65   | 85.52      | 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  | 18.28   | 19.38   | 17.88   | 18.51      | 4.20    | ppb   |
| Iron       | 57-2  | 16.54   | 28.40   | 16.10   | 20.35      | 34.28   | ppb   |
| Lead       | 206-1 | 0.46    | 0.38    | 0.47    | 0.43       | 11.31   | ppb   |
| Lead       | 207-1 | 0.35    | 0.42    | 0.36    | 0.38       | 9.35    | ppb   |
| Lead       | 208-1 | 0.41    | 0.41    | 0.41    | 0.41       | 0.30    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1006.26 | 1010.09 | 1006.99 | 1007.78    | 0.20    | ppb   |
| Manganese  | 55-2  | 10.34   | 10.40   | 9.83    | 10.19      | 3.09    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-15             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-51-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:45:12  | DataFile Name :   | 109SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.01    | 0.01       | 49.58   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.01    | 0.01       | 67.08   | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.04    | 1.13    | 0.95    | 1.04       | 8.95    | ppb   |
| Phosphorus | 31-2  | 712.70  | 638.27  | 554.05  | 635.01     | 12.50   | ppb   |
| Potassium  | 39-2  | 422.76  | 448.17  | 446.76  | 439.23     | 3.25    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.72    | -0.06      |         | ppb   |
| Selenium   | 78-2  | 1.45    | -0.68   | -0.25   | 0.17       | 658.68  | ppb   |
| Selenium   | 82-1  | -0.20   | 1.12    | 0.81    | 0.58       | 119.43  | ppb   |
| Silicon    | 28-1  | 969.50  | 983.94  | 984.34  | 979.26     | 0.86    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 33.59   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 50.32   | ppb   |
| Sodium     | 23-2  | 9337.38 | 9182.14 | 9240.48 | 9253.33    | 0.85    | ppb   |
| Strontium  | 86-1  | 19.26   | 18.84   | 18.83   | 18.98      | 1.30    | ppb   |
| Strontium  | 88-1  | 19.24   | 19.49   | 18.82   | 19.19      | 1.76    | ppb   |
| Sulfur     | 34-1  | -94.98  | 342.22  | 144.78  | 130.67     | 167.55  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.29    | 0.19    | 0.43    | 0.30       | 40.18   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.01    | 0.01    | 0.01       | 51.45   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 20.26   | 20.44   | 18.76   | 19.82      | 4.65    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.01    | 0.02       | 34.22   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-15             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-51-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:45:12  | DataFile Name :   | 109SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.04    | 0.01    | 0.02       | 79.14   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-16 Instrumnet Name : P8  
 Client Sample ID : DC20894-52-FL2-BRCL6 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:48:21 DataFile Name : 110SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 53.64   | 62.32   | 68.61   | 61.52      | 12.21   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.06    | 0.06       | 5.05    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.15    | 0.23    | 0.21       | 24.20   | ppb   |
| Barium     | 135-1 | 21.41   | 20.72   | 20.12   | 20.75      | 3.13    | ppb   |
| Barium     | 137-1 | 20.51   | 20.16   | 19.97   | 20.21      | 1.36    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.18    | 3.45    | 3.86    | 4.16       | 21.82   | ppb   |
| Boron      | 11-1  | 4.09    | 4.60    | 4.13    | 4.27       | 6.68    | ppb   |
| Cadmium    | 111-1 | -0.17   | -0.16   | -0.10   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -2.14   | -1.85   | -1.12   | -1.70      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | -0.01   | -0.09   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 4716.20 | 4526.48 | 4329.85 | 4524.18    | 4.27    | ppb   |
| Calcium    | 44-1  | 4768.76 | 4654.06 | 4578.51 | 4667.11    | 2.05    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.10   | -0.13   | -0.11      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 85.12   | 86.78   | 85.79   | 85.90      | 0.97    | 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  | 19.30   | 18.01   | 18.07   | 18.46      | 3.95    | ppb   |
| Iron       | 57-2  | 21.13   | 20.07   | 16.07   | 19.09      | 13.96   | ppb   |
| Lead       | 206-1 | 0.52    | 0.48    | 0.50    | 0.50       | 4.22    | ppb   |
| Lead       | 207-1 | 0.43    | 0.45    | 0.44    | 0.44       | 2.77    | ppb   |
| Lead       | 208-1 | 0.47    | 0.48    | 0.46    | 0.47       | 1.85    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1038.87 | 1034.76 | 1037.46 | 1037.03    | 0.20    | ppb   |
| Manganese  | 55-2  | 10.09   | 10.26   | 10.48   | 10.28      | 1.86    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-16             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-52-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:48:21  | DataFile Name :   | 110SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 10.13   | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.66    | 1.67    | 1.79    | 1.71       | 4.18    | ppb   |
| Phosphorus | 31-2  | 584.61  | 670.87  | 673.58  | 643.02     | 7.87    | ppb   |
| Potassium  | 39-2  | 450.77  | 461.88  | 453.79  | 455.48     | 1.26    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.26   | -1.11   | 0.18    | -0.40      |         | ppb   |
| Selenium   | 82-1  | 0.34    | -0.29   | 0.52    | 0.19       | 221.29  | ppb   |
| Silicon    | 28-1  | 1018.70 | 989.46  | 1009.06 | 1005.74    | 1.48    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 57.78   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01    | 0.01       | 64.01   | ppb   |
| Sodium     | 23-2  | 9228.18 | 9364.41 | 9313.28 | 9301.96    | 0.74    | ppb   |
| Strontium  | 86-1  | 19.61   | 19.14   | 18.90   | 19.22      | 1.86    | ppb   |
| Strontium  | 88-1  | 20.20   | 19.65   | 19.14   | 19.67      | 2.71    | ppb   |
| Sulfur     | 34-1  | 723.73  | 298.57  | 77.57   | 366.62     | 89.58   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.22    | 0.18    | 0.26    | 0.22       | 17.10   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.02    | 0.05    | 0.03       | 47.32   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 26.05   | 27.44   | 26.52   | 26.67      | 2.64    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 7.17    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-16             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-52-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:48:21  | DataFile Name :   | 110SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.06    | 0.05       | 26.17   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-17 Instrumnet Name : P8  
 Client Sample ID : DC20894-53-FL2-BRCL7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:51:28 DataFile Name : 111SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 62.99   | 67.31   | 53.55   | 61.28      | 11.48   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.06    | 0.06       | 9.71    | ppb   |
| Arsenic    | 75-2  | 0.11    | 0.18    | 0.27    | 0.19       | 43.07   | ppb   |
| Barium     | 135-1 | 20.35   | 20.80   | 19.39   | 20.18      | 3.57    | ppb   |
| Barium     | 137-1 | 19.25   | 20.37   | 19.65   | 19.76      | 2.88    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.08   | -0.07   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.88    | 3.99    | 4.16    | 4.34       | 10.85   | ppb   |
| Boron      | 11-1  | 4.34    | 4.09    | 4.22    | 4.22       | 2.91    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.11   | -0.08   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.65   | -1.19   | -0.73   | -1.19      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | -0.02   | -0.03   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4576.37 | 4773.80 | 4587.70 | 4645.96    | 2.39    | ppb   |
| Calcium    | 44-1  | 4630.06 | 4963.14 | 4691.28 | 4761.49    | 3.72    | ppb   |
| Chromium   | 52-2  | 0.01    | -0.01   | -0.07   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 86.11   | 86.45   | 86.66   | 86.41      | 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  | 18.58   | 16.27   | 17.77   | 17.54      | 6.67    | ppb   |
| Iron       | 57-2  | 16.94   | 17.90   | 21.38   | 18.74      | 12.45   | ppb   |
| Lead       | 206-1 | 0.46    | 0.46    | 0.44    | 0.45       | 2.49    | ppb   |
| Lead       | 207-1 | 0.38    | 0.42    | 0.35    | 0.38       | 8.92    | ppb   |
| Lead       | 208-1 | 0.40    | 0.43    | 0.41    | 0.41       | 3.47    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1037.74 | 1043.28 | 1049.76 | 1043.59    | 0.58    | ppb   |
| Manganese  | 55-2  | 10.40   | 10.16   | 10.08   | 10.22      | 1.63    | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-17 Instrumnet Name : P8  
 Client Sample ID : DC20894-53-FL2-BRCL7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:51:28 DataFile Name : 111SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.01    | 0.01       | 42.95   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | 0.01    | 0.01       | 103.58  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | 9173.94 | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.02    | 0.99    | 1.07    | 1.02       | 3.94    | ppb   |
| Phosphorus | 31-2  | 600.24  | 699.31  | 693.79  | 664.45     | 8.38    | ppb   |
| Potassium  | 39-2  | 467.58  | 438.97  | 449.80  | 452.12     | 3.19    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 0.60    | 0.18    | -0.68   | 0.03       | 1889.92 | ppb   |
| Selenium   | 82-1  | -0.06   | -0.25   | 0.03    | -0.09      |         | ppb   |
| Silicon    | 28-1  | 981.67  | 1043.60 | 979.08  | 1001.45    | 3.65    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 363.92  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 70.86   | ppb   |
| Sodium     | 23-2  | 9392.83 | 9248.68 | 9274.94 | 9305.48    | 0.83    | ppb   |
| Strontium  | 86-1  | 19.12   | 19.99   | 19.04   | 19.38      | 2.71    | ppb   |
| Strontium  | 88-1  | 19.36   | 20.60   | 19.39   | 19.78      | 3.57    | ppb   |
| Sulfur     | 34-1  | 590.60  | 1530.15 | 640.89  | 920.55     | 57.42   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.31    | 0.35    | 0.52    | 0.39       | 28.69   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.03    | 0.04    | 0.03       | 16.42   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 27.70   | 27.27   | 27.76   | 27.58      | 0.97    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.04    | 0.03       | 33.57   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-17             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-53-FL2-BRCL7 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:51:28  | DataFile Name :   | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.05    | 0.02    | 0.03       | 46.93   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:54:36 | DataFile Name :   | 112SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.00   | 8.66    | 8.90    | 9.85       | 18.93   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 91.95   | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.03   | -0.01   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.08   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Barium     | 137-1 | -0.06   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.09   | -0.08   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.63    | 0.76    | 1.05    | 0.81       | 26.00   | ppb   |
| Boron      | 11-1  | 0.83    | 0.84    | 0.60    | 0.76       | 17.59   | ppb   |
| Cadmium    | 111-1 | -0.17   | -0.20   | -0.13   | -0.17      |         | ppb   |
| Cadmium    | 106-1 | -1.94   | -2.44   | -1.36   | -1.91      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.11   | 0.03    | -0.06      |         | ppb   |
| Calcium    | 43-1  | 28.36   | 35.41   | 35.03   | 32.93      | 12.04   | ppb   |
| Calcium    | 44-1  | 9.10    | 5.17    | 7.75    | 7.34       | 27.23   | ppb   |
| Chromium   | 52-2  | 0.00    | -0.02   | -0.11   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Copper     | 63-2  | -0.11   | -0.10   | -0.07   | -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  | 0.36    | 0.16    | 0.57    | 0.36       | 55.96   | ppb   |
| Iron       | 57-2  | -0.42   | -0.42   | 1.10    | 0.09       | 1015.49 | ppb   |
| Lead       | 206-1 | 481.06  | 497.30  | 487.62  | 488.66     | 1.67    | ppb   |
| Lead       | 207-1 | 491.24  | 501.60  | 493.11  | 495.32     | 1.11    | ppb   |
| Lead       | 208-1 | 486.71  | 501.13  | 492.18  | 493.34     | 1.47    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.12   | -0.10   | -0.03   | -0.42      |         | ppb   |
| Manganese  | 55-2  | 0.03    | -0.10   | -0.08   | -0.05      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:54:36 | DataFile Name :   | 112SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.09   | -0.08   | -0.07   | -0.08      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.13   | -0.16   | -0.15   | -0.15      |         | ppb   |
| Phosphorus | 31-2  | -10.27  | 26.30   | -9.94   | 2.03       | 1035.55 | ppb   |
| Potassium  | 39-2  | -24.88  | -6.21   | -15.16  | -15.42     |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.66   | 1.16    | -0.15   | 0.12       | 813.04  | ppb   |
| Selenium   | 82-1  | 0.83    | -0.06   | 0.20    | 0.32       | 142.28  | ppb   |
| Silicon    | 28-1  | -19.26  | -6.31   | -19.78  | -15.12     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 41.38   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 742.62  | ppb   |
| Sodium     | 23-2  | -6.15   | -4.73   | -2.07   | -4.32      |         | ppb   |
| Strontium  | 86-1  | -0.02   | 0.05    | 0.04    | 0.02       | 171.62  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -281.47 | -83.41  | -193.11 | -186.00    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.30    | 0.26    | 0.25    | 0.27       | 10.54   | ppb   |
| Titanium   | 47-1  | 0.01    | 0.03    | 0.01    | 0.02       | 78.96   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 13.31   | 14.26   | 14.44   | 14.01      | 4.33    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:54:36 | DataFile Name :   | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | -0.01   | 0.02    | 0.01       | 279.45  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:57:46 | DataFile Name :   | 113SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.25    | 1.96    | 2.87    | 1.70       | 78.34   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.08   | -0.10   | -0.08   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.09   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.21    | 0.10    | -0.38   | -0.02      |         | ppb   |
| Boron      | 11-1  | 0.30    | 0.12    | 0.36    | 0.26       | 49.00   | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.18   | -0.19   | -0.16      |         | ppb   |
| Cadmium    | 106-1 | -1.11   | -2.16   | -2.32   | -1.86      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.08   | -0.14   | -0.10      |         | ppb   |
| Calcium    | 43-1  | 25.79   | 20.16   | 32.17   | 26.04      | 23.07   | ppb   |
| Calcium    | 44-1  | 7.12    | 5.39    | 7.65    | 6.72       | 17.61   | ppb   |
| Chromium   | 52-2  | 0.00    | -0.10   | -0.06   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.12   | -0.12   | -0.13   | -0.12      |         | 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  | 0.03    | 0.07    | 0.15    | 0.08       | 74.11   | ppb   |
| Iron       | 57-2  | 2.09    | 1.49    | 0.63    | 1.40       | 52.23   | ppb   |
| Lead       | 206-1 | -0.02   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Lead       | 207-1 | -0.04   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.96   | -1.27   | -1.42   | -1.22      |         | ppb   |
| Manganese  | 55-2  | -0.05   | -0.14   | -0.06   | -0.08      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:57:46 | DataFile Name :   | 113SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.15   | -0.19   | -0.17   | -0.17      |         | ppb   |
| Phosphorus | 31-2  | -10.35  | 2.17    | 2.61    | -1.86      |         | ppb   |
| Potassium  | 39-2  | -17.04  | -8.83   | -10.97  | -12.28     |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.98    | -0.96   | 0.02       | 8471.56 | ppb   |
| Selenium   | 78-2  | -1.11   | -0.64   | 0.29    | -0.49      |         | ppb   |
| Selenium   | 82-1  | -0.41   | -0.20   | -0.31   | -0.31      |         | ppb   |
| Silicon    | 28-1  | -20.19  | -21.12  | -21.55  | -20.95     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 244.95  | ppb   |
| Sodium     | 23-2  | -8.65   | -8.09   | -4.38   | -7.04      |         | ppb   |
| Strontium  | 86-1  | 0.02    | 0.03    | 0.06    | 0.04       | 55.05   | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -216.37 | -96.44  | 133.04  | -59.92     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.06   | -0.04   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.00    | -0.01   | -0.03   | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.03   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.36   | -0.23   | -0.42   | -0.34      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:57:46 | DataFile Name :   | 113SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.00    | 0.00       | 2270.17 | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-18 Instrumnet Name : P8  
 Client Sample ID : DC20894-54-FL2-BRCL7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:00:56 DataFile Name : 114SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 77.90   | 74.77   | 58.52   | 70.40      | 14.78   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.07    | 0.06    | 0.06       | 14.59   | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.19    | 0.18    | 0.19       | 3.18    | ppb   |
| Barium     | 135-1 | 19.95   | 20.31   | 19.87   | 20.04      | 1.18    | ppb   |
| Barium     | 137-1 | 20.10   | 19.99   | 20.12   | 20.07      | 0.34    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.09   | -0.08   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.39    | 3.90    | 3.79    | 3.69       | 7.22    | ppb   |
| Boron      | 11-1  | 3.83    | 3.88    | 3.70    | 3.80       | 2.50    | ppb   |
| Cadmium    | 111-1 | -0.18   | -0.15   | -0.06   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -2.27   | -1.78   | -0.60   | -1.55      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.09   | -0.03   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 4391.57 | 4420.50 | 4504.22 | 4438.76    | 1.32    | ppb   |
| Calcium    | 44-1  | 4471.11 | 4545.69 | 4526.87 | 4514.56    | 0.86    | ppb   |
| Chromium   | 52-2  | 0.04    | -0.07   | -0.08   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Copper     | 63-2  | 91.42   | 85.59   | 84.56   | 87.19      | 4.24    | 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  | 19.09   | 18.33   | 17.51   | 18.31      | 4.33    | ppb   |
| Iron       | 57-2  | 22.74   | 15.62   | 33.20   | 23.85      | 37.06   | ppb   |
| Lead       | 206-1 | 0.39    | 0.48    | 0.51    | 0.46       | 12.91   | ppb   |
| Lead       | 207-1 | 0.40    | 0.42    | 0.36    | 0.40       | 7.63    | ppb   |
| Lead       | 208-1 | 0.42    | 0.43    | 0.43    | 0.43       | 1.71    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1088.80 | 1030.04 | 1043.86 | 1054.23    | 2.91    | ppb   |
| Manganese  | 55-2  | 10.88   | 10.31   | 10.47   | 10.55      | 2.77    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-18 Instrumnet Name : P8  
 Client Sample ID : DC20894-54-FL2-BRCL7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:00:56 DataFile Name : 114SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.01    | 0.01       | 54.38   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.01    | 0.00       | 271.69  | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.96    | 0.74    | 0.86    | 0.85       | 13.12   | ppb   |
| Phosphorus | 31-2  | 618.25  | 597.61  | 701.55  | 639.14     | 8.61    | ppb   |
| Potassium  | 39-2  | 475.28  | 457.07  | 443.15  | 458.50     | 3.51    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.71    | -0.96   | -0.07      |         | ppb   |
| Selenium   | 78-2  | -1.11   | 1.02    | -0.26   | -0.12      |         | ppb   |
| Selenium   | 82-1  | -0.07   | 0.10    | 0.32    | 0.12       | 171.11  | ppb   |
| Silicon    | 28-1  | 979.64  | 989.13  | 973.56  | 980.78     | 0.80    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 111.75  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 103.20  | ppb   |
| Sodium     | 23-2  | 9939.50 | 9363.07 | 9070.05 | 9457.54    | 4.68    | ppb   |
| Strontium  | 86-1  | 19.19   | 18.93   | 19.75   | 19.29      | 2.15    | ppb   |
| Strontium  | 88-1  | 19.58   | 19.50   | 19.58   | 19.55      | 0.23    | ppb   |
| Sulfur     | 34-1  | 243.22  | 375.24  | 346.62  | 321.69     | 21.59   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.24    | 0.35    | 0.31    | 0.30       | 18.24   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.05    | 0.02    | 0.05       | 49.59   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 19.61   | 18.48   | 19.37   | 19.16      | 3.11    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.03    | 0.02    | 0.02       | 36.66   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-18             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-54-FL2-BRCL7 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:00:56  | DataFile Name :   | 114SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.06    | 0.04       | 44.63   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-19 Instrumnet Name : P8  
 Client Sample ID : DC20894-55-FL2-CL7-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:04:05 DataFile Name : 115SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.40   | 12.17   | 10.39   | 12.32      | 16.29   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.06    | 0.06       | 4.14    | ppb   |
| Arsenic    | 75-2  | 0.14    | 0.22    | 0.30    | 0.22       | 36.87   | ppb   |
| Barium     | 135-1 | 18.20   | 17.25   | 17.80   | 17.75      | 2.70    | ppb   |
| Barium     | 137-1 | 18.36   | 17.61   | 17.84   | 17.94      | 2.16    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.29    | 3.72    | 4.96    | 4.32       | 14.31   | ppb   |
| Boron      | 11-1  | 4.06    | 3.90    | 3.54    | 3.83       | 6.96    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.12   | -0.13   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.77   | -1.63   | -1.67   | -1.69      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4534.39 | 4574.36 | 4519.31 | 4542.69    | 0.63    | ppb   |
| Calcium    | 44-1  | 4588.24 | 4599.84 | 4618.72 | 4602.27    | 0.33    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.11   | -0.05   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.03    | 0.02    | 0.02       | 49.53   | ppb   |
| Copper     | 63-2  | 131.20  | 133.14  | 129.71  | 131.35     | 1.31    | 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  | 13.85   | 14.07   | 13.84   | 13.92      | 0.94    | ppb   |
| Iron       | 57-2  | 17.65   | 17.22   | 12.76   | 15.88      | 17.05   | ppb   |
| Lead       | 206-1 | 0.71    | 0.66    | 0.71    | 0.69       | 3.80    | ppb   |
| Lead       | 207-1 | 0.58    | 0.61    | 0.59    | 0.59       | 2.33    | ppb   |
| Lead       | 208-1 | 0.64    | 0.64    | 0.65    | 0.64       | 0.51    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1188.10 | 1173.85 | 1164.11 | 1175.35    | 1.03    | ppb   |
| Manganese  | 55-2  | 9.15    | 9.51    | 9.36    | 9.34       | 1.97    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-19 Instrumnet Name : P8  
 Client Sample ID : DC20894-55-FL2-CL7-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:04:05 DataFile Name : 115SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.00    | 0.00       | 138.23  | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | -0.01   | 0.00       | 370.30  | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.02    | 4.05    | 3.89    | 3.99       | 2.17    | ppb   |
| Phosphorus | 31-2  | 629.58  | 590.44  | 671.22  | 630.41     | 6.41    | ppb   |
| Potassium  | 39-2  | 444.22  | 449.40  | 438.56  | 444.06     | 1.22    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.71    | -0.96   | 1.73    | 0.82       | 187.33  | ppb   |
| Selenium   | 78-2  | -1.11   | -0.68   | -1.11   | -0.97      |         | ppb   |
| Selenium   | 82-1  | 0.85    | 0.28    | 0.52    | 0.55       | 51.70   | ppb   |
| Silicon    | 28-1  | 975.74  | 977.49  | 989.89  | 981.04     | 0.79    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 42.66   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 52.36   | ppb   |
| Sodium     | 23-2  | 9369.09 | 9540.15 | 9455.79 | 9455.01    | 0.90    | ppb   |
| Strontium  | 86-1  | 18.35   | 18.52   | 18.44   | 18.44      | 0.49    | ppb   |
| Strontium  | 88-1  | 18.65   | 18.87   | 18.96   | 18.83      | 0.84    | ppb   |
| Sulfur     | 34-1  | 331.71  | 493.13  | 542.90  | 455.92     | 24.22   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.38    | 0.32    | 0.29    | 0.33       | 14.27   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.01    | 0.01    | 0.03       | 109.12  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 162.30  | 163.56  | 159.02  | 161.63     | 1.45    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.01    | 0.02       | 34.38   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-19             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-55-FL2-CL7-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:04:05  | DataFile Name :   | 115SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.04    | 0.03       | 25.44   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-20 Instrumnet Name : P8  
 Client Sample ID : DC20894-56-FL2-CL7-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:07:12 DataFile Name : 116SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.28   | 15.93   | 11.87   | 13.69      | 15.03   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.06    | 0.05    | 0.05       | 21.66   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.20    | 0.18    | 0.21       | 13.47   | ppb   |
| Barium     | 135-1 | 18.67   | 18.75   | 18.28   | 18.57      | 1.37    | ppb   |
| Barium     | 137-1 | 18.40   | 18.39   | 18.21   | 18.33      | 0.60    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.06   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.20    | 2.51    | 3.55    | 3.42       | 24.90   | ppb   |
| Boron      | 11-1  | 3.65    | 4.08    | 4.11    | 3.95       | 6.51    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.05   | -0.15   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -0.47   | -0.48   | -1.74   | -0.89      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | -0.11   | -0.06   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 4566.93 | 4435.95 | 4438.97 | 4480.62    | 1.67    | ppb   |
| Calcium    | 44-1  | 4670.72 | 4590.91 | 4588.10 | 4616.58    | 1.02    | ppb   |
| Chromium   | 52-2  | -0.04   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Copper     | 63-2  | 128.06  | 130.76  | 129.56  | 129.46     | 1.04    | 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   | 18.92   | 17.55   | 18.20      | 3.77    | ppb   |
| Iron       | 57-2  | 19.28   | 24.32   | 18.24   | 20.61      | 15.78   | ppb   |
| Lead       | 206-1 | 0.28    | 0.28    | 0.27    | 0.28       | 2.88    | ppb   |
| Lead       | 207-1 | 0.24    | 0.23    | 0.22    | 0.23       | 6.09    | ppb   |
| Lead       | 208-1 | 0.26    | 0.25    | 0.24    | 0.25       | 2.21    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1048.52 | 1062.91 | 1061.69 | 1057.71    | 0.75    | ppb   |
| Manganese  | 55-2  | 13.27   | 13.80   | 12.66   | 13.24      | 4.29    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-20             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-56-FL2-CL7-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:07:12  | DataFile Name :   | 116SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 20.23   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.01    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.02   | -0.05   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.01    | 0.00       | 1239.24 | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.56    | 0.56    | 0.48    | 0.53       | 8.65    | ppb   |
| Phosphorus | 31-2  | 659.21  | 502.29  | 598.76  | 586.75     | 13.49   | ppb   |
| Potassium  | 39-2  | 478.70  | 478.88  | 475.67  | 477.75     | 0.38    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.68   | -0.69   | 0.59    | -0.26      |         | ppb   |
| Selenium   | 82-1  | -0.20   | -0.30   | -0.45   | -0.32      |         | ppb   |
| Silicon    | 28-1  | 1008.22 | 1005.21 | 1025.36 | 1012.93    | 1.07    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 50.89   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 28.44   | ppb   |
| Sodium     | 23-2  | 9323.05 | 9486.47 | 9552.33 | 9453.95    | 1.25    | ppb   |
| Strontium  | 86-1  | 19.11   | 18.58   | 19.29   | 19.00      | 1.96    | ppb   |
| Strontium  | 88-1  | 19.29   | 19.19   | 19.14   | 19.21      | 0.39    | ppb   |
| Sulfur     | 34-1  | 3029.99 | 3104.93 | 3126.87 | 3087.26    | 1.65    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.37    | 0.34    | 0.46    | 0.39       | 16.00   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.03    | 0.02    | 0.03       | 19.64   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 31.16   | 30.65   | 31.39   | 31.07      | 1.21    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.03    | 0.03       | 27.25   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-20             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-56-FL2-CL7-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:07:12  | DataFile Name :   | 116SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.06    | 0.03    | 0.04       | 35.93   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-21 Instrumnet Name : P8  
 Client Sample ID : DC20894-57-FL3-CL12-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:10:21 DataFile Name : 117SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.68   | 14.06   | 8.75    | 11.83      | 23.30   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.05    | 0.05       | 1.64    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.25    | 0.30    | 0.28       | 10.49   | ppb   |
| Barium     | 135-1 | 18.77   | 19.08   | 18.47   | 18.77      | 1.60    | ppb   |
| Barium     | 137-1 | 18.94   | 19.12   | 18.48   | 18.85      | 1.76    | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.06   | -0.09   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.31    | 4.21    | 4.26    | 3.93       | 13.56   | ppb   |
| Boron      | 11-1  | 3.80    | 3.69    | 4.13    | 3.87       | 5.98    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.12   | -0.14   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.39   | -1.27   | -1.61   | -1.42      |         | ppb   |
| Cadmium    | 108-1 | 0.09    | -0.05   | -0.11   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 4521.51 | 4355.39 | 4438.92 | 4438.61    | 1.87    | ppb   |
| Calcium    | 44-1  | 4625.94 | 4482.65 | 4578.11 | 4562.23    | 1.60    | ppb   |
| Chromium   | 52-2  | -0.09   | -0.13   | -0.01   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Copper     | 63-2  | 122.53  | 119.82  | 121.30  | 121.22     | 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  | 16.28   | 15.26   | 18.35   | 16.63      | 9.46    | ppb   |
| Iron       | 57-2  | 10.32   | 15.25   | 13.27   | 12.95      | 19.16   | ppb   |
| Lead       | 206-1 | 0.39    | 0.34    | 0.36    | 0.36       | 6.64    | ppb   |
| Lead       | 207-1 | 0.34    | 0.38    | 0.34    | 0.35       | 6.49    | ppb   |
| Lead       | 208-1 | 0.35    | 0.36    | 0.36    | 0.36       | 1.15    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1068.88 | 1024.48 | 1044.73 | 1046.03    | 2.13    | ppb   |
| Manganese  | 55-2  | 11.41   | 12.12   | 11.49   | 11.67      | 3.34    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-21 Instrumnet Name : P8  
 Client Sample ID : DC20894-57-FL3-CL12-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:10:21 DataFile Name : 117SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.00    | 0.00       |          | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | 0.00    | -0.01      |          | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.01    | -0.02   | -0.01      |          | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.05   | -0.04   | -0.05      |          | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.00    | 0.00       | 160.67   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | 0.86    | 0.82    | 0.84    | 0.84       | 2.24     | ppb   |
| Phosphorus | 31-2  | 713.40  | 603.66  | 586.64  | 634.57     | 10.84    | ppb   |
| Potassium  | 39-2  | 467.12  | 455.47  | 467.57  | 463.39     | 1.48     | ppb   |
| Rhodium    | 103-1 |         |         |         |            |          | %     |
| Rhodium    | 103-2 |         |         |         |            |          | %     |
| Scandium   | 45-1  |         |         |         |            |          | %     |
| Scandium   | 45-2  |         |         |         |            |          | %     |
| Selenium   | 77-2  | -0.96   | 1.72    | 1.73    | 0.83       | 186.64   | ppb   |
| Selenium   | 78-2  | -0.69   | 0.18    | -0.25   | -0.25      |          | ppb   |
| Selenium   | 82-1  | -0.56   | 0.16    | 0.41    | 0.00       | 15703.68 | ppb   |
| Silicon    | 28-1  | 1004.01 | 982.37  | 1003.35 | 996.58     | 1.24     | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 22.04    | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.01    | 0.01       | 54.33    | ppb   |
| Sodium     | 23-2  | 9390.67 | 9250.02 | 9279.93 | 9306.87    | 0.80     | ppb   |
| Strontium  | 86-1  | 18.81   | 18.26   | 18.58   | 18.55      | 1.50     | ppb   |
| Strontium  | 88-1  | 19.10   | 18.97   | 18.83   | 18.97      | 0.73     | ppb   |
| Sulfur     | 34-1  | 3128.04 | 3104.76 | 3200.75 | 3144.52    | 1.59     | ppb   |
| Terbium    | 159-1 |         |         |         |            |          | %     |
| Terbium    | 159-2 |         |         |         |            |          | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.05   | -0.04      |          | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.03      |          | ppb   |
| Tin        | 118-1 | -0.06   | -0.04   | -0.06   | -0.05      |          | ppb   |
| Titanium   | 47-1  | 0.34    | 0.34    | 0.38    | 0.35       | 6.25     | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |          | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.03    | 0.02    | 0.02       | 15.03    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |          | %     |
| Yttrium    | 89-2  |         |         |         |            |          | %     |
| Zinc       | 66-2  | 41.21   | 40.54   | 42.10   | 41.28      | 1.89     | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.02    | 0.02       | 23.01    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-21              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-57-FL3-CL12-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:10:21   | DataFile Name :   | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.02    | 0.04    | 0.03       | 24.59   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-22 Instrumnet Name : P8  
 Client Sample ID : DC20894-58-FL3-CL12-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:13:30 DataFile Name : 118SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.95    | 13.98   | 16.31   | 13.42      | 23.97   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.07    | 0.06       | 24.66   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.32    | 0.19    | 0.25       | 25.04   | ppb   |
| Barium     | 135-1 | 18.46   | 19.21   | 19.27   | 18.98      | 2.37    | ppb   |
| Barium     | 137-1 | 18.50   | 18.94   | 19.99   | 19.14      | 4.00    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.44    | 4.20    | 3.45    | 3.70       | 11.83   | ppb   |
| Boron      | 11-1  | 4.19    | 3.66    | 4.00    | 3.95       | 6.82    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.05   | -0.08   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.62   | -0.66   | -0.87   | -1.05      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.08   | 0.01    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 4571.25 | 4514.69 | 4931.77 | 4672.57    | 4.84    | ppb   |
| Calcium    | 44-1  | 4612.80 | 4606.88 | 4948.52 | 4722.73    | 4.14    | ppb   |
| Chromium   | 52-2  | -0.05   | 0.09    | 0.09    | 0.04       | 197.31  | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Copper     | 63-2  | 117.24  | 120.79  | 121.36  | 119.79     | 1.86    | 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  | 16.11   | 17.22   | 19.17   | 17.50      | 8.85    | ppb   |
| Iron       | 57-2  | 18.33   | 15.78   | 17.30   | 17.14      | 7.48    | ppb   |
| Lead       | 206-1 | 0.72    | 0.65    | 0.74    | 0.70       | 6.63    | ppb   |
| Lead       | 207-1 | 0.58    | 0.57    | 0.59    | 0.58       | 1.70    | ppb   |
| Lead       | 208-1 | 0.61    | 0.60    | 0.67    | 0.63       | 6.31    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1013.40 | 1027.05 | 1012.49 | 1017.65    | 0.80    | ppb   |
| Manganese  | 55-2  | 9.54    | 10.10   | 9.72    | 9.79       | 2.91    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-22 Instrumnet Name : P8  
 Client Sample ID : DC20894-58-FL3-CL12-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:13:30 DataFile Name : 118SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.04    | 0.02       | 98.49   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | 0.01    | 0.00       | 179.40  | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.01    | 0.01       | 22.43   | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.01    | 0.02    | 0.01       | 170.10  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.65    | 3.85    | 3.92    | 3.81       | 3.67    | ppb   |
| Phosphorus | 31-2  | 752.83  | 678.30  | 668.32  | 699.82     | 6.60    | ppb   |
| Potassium  | 39-2  | 444.30  | 458.36  | 439.71  | 447.45     | 2.17    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -1.11   | -1.11   | 0.17    | -0.68      |         | ppb   |
| Selenium   | 82-1  | 0.36    | -0.20   | 1.25    | 0.47       | 155.79  | ppb   |
| Silicon    | 28-1  | 988.14  | 998.78  | 1065.00 | 1017.31    | 4.09    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 17.48   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.01    | 0.01       | 30.02   | ppb   |
| Sodium     | 23-2  | 9099.71 | 9274.14 | 9152.73 | 9175.53    | 0.97    | ppb   |
| Strontium  | 86-1  | 18.73   | 18.85   | 19.93   | 19.17      | 3.47    | ppb   |
| Strontium  | 88-1  | 18.99   | 19.00   | 20.28   | 19.42      | 3.84    | ppb   |
| Sulfur     | 34-1  | 2876.03 | 3338.16 | 4564.09 | 3592.76    | 24.28   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.30    | 0.38    | 0.37    | 0.35       | 12.44   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.02    | 0.02    | 0.02       | 34.62   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 67.51   | 71.32   | 68.89   | 69.24      | 2.79    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.03    | 0.02       | 26.18   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-22              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-58-FL3-CL12-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:13:30   | DataFile Name :   | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.03    | 0.02    | 0.02       | 78.93   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-23 Instrumnet Name : P8  
 Client Sample ID : DC20894-59-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:16:38 DataFile Name : 119SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.33    | 16.06   | 16.32   | 12.90      | 44.14   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.04    | 0.04       | 8.59    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.25    | 0.27    | 0.25       | 9.31    | ppb   |
| Barium     | 135-1 | 18.50   | 18.39   | 18.67   | 18.52      | 0.76    | ppb   |
| Barium     | 137-1 | 18.47   | 18.43   | 18.12   | 18.34      | 1.05    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.83    | 3.41    | 3.49    | 3.24       | 11.19   | ppb   |
| Boron      | 11-1  | 3.71    | 3.69    | 4.20    | 3.86       | 7.52    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.11   | -0.08   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -0.19   | -1.08   | -0.77   | -0.68      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | 0.00    | -0.11   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4411.25 | 4406.79 | 4472.55 | 4430.20    | 0.83    | ppb   |
| Calcium    | 44-1  | 4475.94 | 4518.84 | 4560.09 | 4518.29    | 0.93    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.13   | -0.02   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Copper     | 63-2  | 125.29  | 124.89  | 130.60  | 126.93     | 2.51    | 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  | 17.60   | 17.41   | 23.91   | 19.64      | 18.83   | ppb   |
| Iron       | 57-2  | 18.56   | 18.86   | 20.98   | 19.47      | 6.78    | ppb   |
| Lead       | 206-1 | 0.23    | 0.20    | 0.21    | 0.21       | 8.63    | ppb   |
| Lead       | 207-1 | 0.13    | 0.18    | 0.16    | 0.16       | 15.90   | ppb   |
| Lead       | 208-1 | 0.18    | 0.19    | 0.18    | 0.18       | 3.34    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1047.87 | 1023.08 | 1091.48 | 1054.14    | 3.28    | ppb   |
| Manganese  | 55-2  | 13.02   | 13.01   | 13.78   | 13.27      | 3.30    | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-23 Instrumnet Name : P8  
 Client Sample ID : DC20894-59-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:16:38 DataFile Name : 119SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | -0.01   | 0.00       | 276.03  | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.01    | 0.00    | 0.00       | 545.85  | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.06   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.44    | 0.38    | 0.29    | 0.37       | 20.11   | ppb   |
| Phosphorus | 31-2  | 578.93  | 679.90  | 794.89  | 684.57     | 15.79   | ppb   |
| Potassium  | 39-2  | 475.13  | 448.17  | 485.29  | 469.53     | 4.09    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.67    | -0.96   | -0.96   | -0.08      |         | ppb   |
| Selenium   | 78-2  | -1.11   | -0.69   | 0.65    | -0.38      |         | ppb   |
| Selenium   | 82-1  | 0.45    | -0.09   | 0.16    | 0.17       | 152.11  | ppb   |
| Silicon    | 28-1  | 1005.73 | 990.96  | 1001.77 | 999.49     | 0.77    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 118.98  | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 26.88   | ppb   |
| Sodium     | 23-2  | 9187.85 | 9121.88 | 9747.95 | 9352.56    | 3.68    | ppb   |
| Strontium  | 86-1  | 18.43   | 18.70   | 18.42   | 18.51      | 0.87    | ppb   |
| Strontium  | 88-1  | 18.93   | 18.58   | 18.93   | 18.81      | 1.08    | ppb   |
| Sulfur     | 34-1  | 2612.21 | 2616.02 | 3221.21 | 2816.48    | 12.45   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.30    | 0.26    | 0.29    | 0.28       | 7.04    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.03    | 0.07    | 0.04       | 56.39   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 27.31   | 27.18   | 28.88   | 27.79      | 3.40    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.02    | 0.02       | 23.28   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-23             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-59-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:16:38  | DataFile Name :   | 119SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.00    | 0.02       | 90.03   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-24 Instrumnet Name : P8  
 Client Sample ID : DC20894-60-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:19:47 DataFile Name : 120SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.15   | 11.02   | 4.00    | 9.39       | 50.99   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.05    | 0.06       | 23.65   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.20    | 0.21    | 0.22       | 7.09    | ppb   |
| Barium     | 135-1 | 19.61   | 19.11   | 18.65   | 19.12      | 2.50    | ppb   |
| Barium     | 137-1 | 20.53   | 19.08   | 18.64   | 19.41      | 5.09    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.09   | -0.09   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.66    | 3.52    | 3.19    | 3.46       | 6.96    | ppb   |
| Boron      | 11-1  | 3.94    | 4.25    | 4.15    | 4.11       | 3.92    | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.06   | -0.08   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.47   | -0.52   | -0.77   | -0.92      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.05   | -0.03   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 4653.17 | 4522.53 | 4511.37 | 4562.36    | 1.73    | ppb   |
| Calcium    | 44-1  | 4788.24 | 4606.31 | 4603.56 | 4666.04    | 2.27    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.04   | 0.00    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.05   | -0.05   | -0.04      |         | ppb   |
| Copper     | 63-2  | 114.05  | 114.83  | 113.92  | 114.27     | 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  | 13.58   | 17.04   | 14.16   | 14.93      | 12.42   | ppb   |
| Iron       | 57-2  | 15.06   | 12.54   | 14.02   | 13.88      | 9.12    | ppb   |
| Lead       | 206-1 | 0.60    | 0.55    | 0.51    | 0.55       | 8.90    | ppb   |
| Lead       | 207-1 | 0.49    | 0.45    | 0.47    | 0.47       | 4.85    | ppb   |
| Lead       | 208-1 | 0.56    | 0.52    | 0.49    | 0.52       | 6.49    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1038.14 | 1034.77 | 1022.19 | 1031.70    | 0.81    | ppb   |
| Manganese  | 55-2  | 9.78    | 10.36   | 9.55    | 9.90       | 4.22    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-24 Instrumnet Name : P8  
 Client Sample ID : DC20894-60-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:19:47 DataFile Name : 120SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.00    | 0.01       | 29.14   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.01    | 0.00    | 0.00       | 51.30   | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.45    | 1.64    | 1.77    | 1.62       | 9.73    | ppb   |
| Phosphorus | 31-2  | 597.62  | 538.70  | 686.69  | 607.67     | 12.26   | ppb   |
| Potassium  | 39-2  | 475.63  | 453.41  | 476.05  | 468.36     | 2.77    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -1.11   | -0.69   | -0.27   | -0.69      |         | ppb   |
| Selenium   | 82-1  | 0.58    | 0.18    | 0.39    | 0.38       | 51.90   | ppb   |
| Silicon    | 28-1  | 1036.08 | 1038.91 | 993.61  | 1022.86    | 2.48    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.71    | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01    | 0.01       | 39.34   | ppb   |
| Sodium     | 23-2  | 9152.21 | 9283.54 | 9149.03 | 9194.93    | 0.83    | ppb   |
| Strontium  | 86-1  | 20.16   | 18.84   | 18.32   | 19.11      | 4.97    | ppb   |
| Strontium  | 88-1  | 19.61   | 19.14   | 18.94   | 19.23      | 1.78    | ppb   |
| Sulfur     | 34-1  | 3718.71 | 2952.29 | 2863.65 | 3178.22    | 14.79   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.06   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 1.50    | 0.56    | 0.39    | 0.82       | 73.57   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.03    | 0.04    | 0.04       | 31.31   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 57.62   | 58.09   | 58.64   | 58.12      | 0.88    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 17.32   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-24             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-60-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:19:47  | DataFile Name :   | 120SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.02    | 0.02       | 32.77   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-25 Instrumnet Name : P8  
 Client Sample ID : DC20894-61-FL3-BRA1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:22:56 DataFile Name : 121SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.13   | 10.73   | 14.34   | 11.74      | 19.41   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.06    | 0.06       | 12.39   | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.19    | 0.07    | 0.16       | 51.55   | ppb   |
| Barium     | 135-1 | 18.68   | 18.86   | 18.77   | 18.77      | 0.49    | ppb   |
| Barium     | 137-1 | 18.16   | 18.45   | 18.68   | 18.43      | 1.41    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.05   | -0.07   | -0.06      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.82    | 3.03    | 3.92    | 3.59       | 13.56   | ppb   |
| Boron      | 11-1  | 3.52    | 3.90    | 3.58    | 3.67       | 5.59    | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.09   | -0.06   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.71   | -1.07   | -0.47   | -0.75      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4410.23 | 4432.11 | 4481.99 | 4441.44    | 0.83    | ppb   |
| Calcium    | 44-1  | 4580.06 | 4616.72 | 4575.88 | 4590.89    | 0.49    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.01   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 138.64  | 135.97  | 140.32  | 138.31     | 1.59    | 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  | 14.50   | 12.73   | 14.24   | 13.82      | 6.93    | ppb   |
| Iron       | 57-2  | 20.61   | 14.42   | 14.10   | 16.38      | 22.40   | ppb   |
| Lead       | 206-1 | 0.68    | 0.63    | 0.62    | 0.64       | 5.32    | ppb   |
| Lead       | 207-1 | 0.58    | 0.57    | 0.64    | 0.60       | 6.57    | ppb   |
| Lead       | 208-1 | 0.60    | 0.61    | 0.63    | 0.61       | 2.15    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1032.55 | 1017.18 | 1069.83 | 1039.85    | 2.60    | ppb   |
| Manganese  | 55-2  | 10.16   | 9.50    | 10.21   | 9.95       | 4.00    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-25 Instrumnet Name : P8  
 Client Sample ID : DC20894-61-FL3-BRA1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:22:56 DataFile Name : 121SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.01    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.24    | 3.42    | 3.13    | 3.26       | 4.60    | ppb   |
| Phosphorus | 31-2  | 754.93  | 612.18  | 707.02  | 691.38     | 10.51   | ppb   |
| Potassium  | 39-2  | 438.79  | 461.74  | 474.71  | 458.41     | 3.97    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 1.41    | -1.11   | 1.07    | 0.46       | 298.63  | ppb   |
| Selenium   | 82-1  | -0.15   | -0.23   | -0.17   | -0.19      |         | ppb   |
| Silicon    | 28-1  | 970.98  | 1001.73 | 1072.74 | 1015.15    | 5.14    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 7.91    | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 17.81   | ppb   |
| Sodium     | 23-2  | 9215.11 | 9084.04 | 9499.04 | 9266.06    | 2.29    | ppb   |
| Strontium  | 86-1  | 18.33   | 18.73   | 18.62   | 18.56      | 1.11    | ppb   |
| Strontium  | 88-1  | 18.90   | 18.92   | 18.78   | 18.86      | 0.40    | ppb   |
| Sulfur     | 34-1  | 2660.19 | 2782.19 | 2913.93 | 2785.44    | 4.56    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.02   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.28    | 0.31    | 0.30    | 0.30       | 5.16    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.03    | 0.01    | 0.02       | 41.97   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 64.37   | 64.34   | 64.79   | 64.50      | 0.39    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.00    | 0.02    | 0.01       | 60.40   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-25              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-61-FL3-BRA1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:22:56   | DataFile Name :   | 121SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.02    | 0.03    | 0.03       | 41.91   | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-26 Instrumnet Name : P8  
 Client Sample ID : DC20894-62-FL3-BRA1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:26:05 DataFile Name : 122SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.69    | 15.42   | 17.73   | 13.95      | 33.66   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.06    | 0.04       | 20.90   | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.15    | 0.28    | 0.21       | 30.54   | ppb   |
| Barium     | 135-1 | 18.83   | 17.62   | 18.52   | 18.32      | 3.43    | ppb   |
| Barium     | 137-1 | 18.43   | 18.42   | 18.54   | 18.47      | 0.34    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.41    | 3.85    | 4.09    | 3.78       | 9.12    | ppb   |
| Boron      | 11-1  | 3.53    | 4.17    | 3.77    | 3.82       | 8.41    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.16   | -0.13   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -0.20   | -1.80   | -1.47   | -1.16      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.08   | -0.11   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 4366.39 | 4399.74 | 4358.10 | 4374.74    | 0.50    | ppb   |
| Calcium    | 44-1  | 4557.79 | 4555.99 | 4500.44 | 4538.07    | 0.72    | ppb   |
| Chromium   | 52-2  | -0.13   | -0.07   | 0.00    | -0.07      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 125.52  | 125.74  | 126.11  | 125.79     | 0.24    | 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  | 16.10   | 16.93   | 16.02   | 16.35      | 3.08    | ppb   |
| Iron       | 57-2  | 18.51   | 11.25   | 16.54   | 15.43      | 24.34   | ppb   |
| Lead       | 206-1 | 0.29    | 0.27    | 0.25    | 0.27       | 8.09    | ppb   |
| Lead       | 207-1 | 0.22    | 0.22    | 0.21    | 0.22       | 3.93    | ppb   |
| Lead       | 208-1 | 0.24    | 0.23    | 0.22    | 0.23       | 3.44    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1042.10 | 1015.72 | 1007.45 | 1021.75    | 1.77    | ppb   |
| Manganese  | 55-2  | 12.59   | 12.35   | 12.38   | 12.44      | 1.04    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-26              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-62-FL3-BRA1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:26:05   | DataFile Name :   | 122SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.03   | 0.01    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.01    | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.55    | 0.54    | 0.56    | 0.55       | 2.60    | ppb   |
| Phosphorus | 31-2  | 684.16  | 685.09  | 553.32  | 640.86     | 11.83   | ppb   |
| Potassium  | 39-2  | 445.79  | 457.78  | 431.11  | 444.89     | 3.00    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.26   | -0.69   | -0.68   | -0.54      |         | ppb   |
| Selenium   | 82-1  | 0.53    | 0.87    | 0.18    | 0.52       | 65.62   | ppb   |
| Silicon    | 28-1  | 977.44  | 973.25  | 974.54  | 975.08     | 0.22    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.01       | 93.53   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.01    | 0.01       | 47.22   | ppb   |
| Sodium     | 23-2  | 9205.33 | 9169.48 | 9091.26 | 9155.36    | 0.64    | ppb   |
| Strontium  | 86-1  | 18.34   | 18.54   | 18.88   | 18.58      | 1.46    | ppb   |
| Strontium  | 88-1  | 18.80   | 18.79   | 19.06   | 18.88      | 0.83    | ppb   |
| Sulfur     | 34-1  | 2705.04 | 2802.45 | 2670.38 | 2725.96    | 2.51    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.06   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.37    | 0.45    | 0.24    | 0.35       | 30.11   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.03    | 0.04    | 0.03       | 18.41   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 34.13   | 34.89   | 34.91   | 34.65      | 1.28    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.01    | 0.01    | 0.02       | 33.96   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-26              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-62-FL3-BRA1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:26:05   | DataFile Name :   | 122SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.05    | 0.04    | 0.04       | 43.80   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-27 Instrumnet Name : P8  
 Client Sample ID : DC20894-63-FL3-BRA2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:29:14 DataFile Name : 123SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 22.11   | 9.99    | 10.80   | 14.30      | 47.39   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.06    | 0.05       | 11.78   | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.18    | 0.21    | 0.21       | 11.52   | ppb   |
| Barium     | 135-1 | 17.34   | 17.21   | 16.85   | 17.13      | 1.47    | ppb   |
| Barium     | 137-1 | 16.97   | 17.42   | 16.90   | 17.10      | 1.66    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.10   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.28    | 3.93    | 3.60    | 3.60       | 9.03    | ppb   |
| Boron      | 11-1  | 3.39    | 3.62    | 3.55    | 3.52       | 3.39    | ppb   |
| Cadmium    | 111-1 | -0.16   | -0.10   | -0.17   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -1.96   | -1.02   | -2.11   | -1.70      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.06   | -0.08   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 4365.80 | 4358.24 | 4423.84 | 4382.63    | 0.82    | ppb   |
| Calcium    | 44-1  | 4472.12 | 4515.38 | 4566.54 | 4518.01    | 1.05    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.11   | -0.15   | -0.09      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | 191.27  | 191.71  | 192.20  | 191.73     | 0.24    | 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  | 18.40   | 17.89   | 17.37   | 17.89      | 2.88    | ppb   |
| Iron       | 57-2  | 20.96   | 21.74   | 17.90   | 20.20      | 10.05   | ppb   |
| Lead       | 206-1 | 0.28    | 0.29    | 0.33    | 0.30       | 9.69    | ppb   |
| Lead       | 207-1 | 0.31    | 0.28    | 0.25    | 0.28       | 10.62   | ppb   |
| Lead       | 208-1 | 0.30    | 0.28    | 0.30    | 0.29       | 3.17    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1008.31 | 1032.96 | 1018.98 | 1020.08    | 1.21    | ppb   |
| Manganese  | 55-2  | 13.21   | 13.14   | 12.21   | 12.85      | 4.34    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-27              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-63-FL3-BRA2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:29:14   | DataFile Name :   | 123SMPL.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   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.05   | -0.07   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | 468.19  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.20    | 0.22    | 0.17    | 0.20       | 11.27   | ppb   |
| Phosphorus | 31-2  | 625.25  | 733.40  | 781.59  | 713.41     | 11.22   | ppb   |
| Potassium  | 39-2  | 452.17  | 433.92  | 426.41  | 437.50     | 3.03    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.65    | 1.69    | 0.79       | 191.13  | ppb   |
| Selenium   | 78-2  | 0.58    | -1.11   | -0.26   | -0.26      |         | ppb   |
| Selenium   | 82-1  | 0.14    | 0.19    | 0.81    | 0.38       | 97.90   | ppb   |
| Silicon    | 28-1  | 992.31  | 978.95  | 1006.73 | 992.66     | 1.40    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.01       | 61.05   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 112.38  | ppb   |
| Sodium     | 23-2  | 9013.91 | 9112.81 | 9097.11 | 9074.61    | 0.59    | ppb   |
| Strontium  | 86-1  | 18.29   | 17.81   | 17.85   | 17.98      | 1.49    | ppb   |
| Strontium  | 88-1  | 18.25   | 18.05   | 18.42   | 18.24      | 1.01    | ppb   |
| Sulfur     | 34-1  | 1990.35 | 2246.17 | 2303.10 | 2179.87    | 7.64    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.29    | 0.28    | 0.44    | 0.34       | 26.89   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | -0.01   | 0.02    | 0.02       | 145.65  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 23.88   | 24.05   | 24.63   | 24.19      | 1.62    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 6.98    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-27              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-63-FL3-BRA2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:29:14   | DataFile Name :   | 123SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.05    | 0.03       | 69.06   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:32:22 | DataFile Name :   | 124SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.58   | 4.33    | 2.69    | 2.15       | 116.42  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 75.65   | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.05   | -0.07   | -0.07   | -0.06      |         | ppb   |
| Barium     | 137-1 | -0.07   | -0.06   | -0.07   | -0.07      |         | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.06   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.73    | 0.98    | 1.03    | 0.91       | 17.55   | ppb   |
| Boron      | 11-1  | 0.39    | 0.70    | 0.45    | 0.51       | 31.13   | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.10   | -0.14   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.08   | -1.04   | -1.55   | -1.22      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.05   | -0.08   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 58.39   | 31.05   | 26.91   | 38.79      | 44.10   | ppb   |
| Calcium    | 44-1  | 18.11   | 20.07   | 12.96   | 17.05      | 21.55   | ppb   |
| Chromium   | 52-2  | -0.05   | -0.09   | -0.08   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.10   | -0.10   | -0.12   | -0.11      |         | 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  | 0.50    | 0.11    | 0.02    | 0.21       | 120.22  | ppb   |
| Iron       | 57-2  | 0.49    | 0.40    | -0.06   | 0.27       | 107.11  | ppb   |
| Lead       | 206-1 | 485.92  | 482.57  | 484.24  | 484.24     | 0.35    | ppb   |
| Lead       | 207-1 | 457.47  | 469.75  | 485.62  | 470.95     | 3.00    | ppb   |
| Lead       | 208-1 | 477.45  | 482.37  | 487.67  | 482.50     | 1.06    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.95   | -0.49   | -1.81   | -1.09      |         | ppb   |
| Manganese  | 55-2  | -0.09   | -0.02   | -0.03   | -0.05      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:32:22 | DataFile Name :   | 124SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.18   | -0.13   | -0.15   | -0.15      |         | ppb   |
| Phosphorus | 31-2  | -10.32  | -10.57  | -22.44  | -14.45     |         | ppb   |
| Potassium  | 39-2  | 8.53    | -13.75  | -14.71  | -6.64      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.88    | -0.96   | -0.96   | -0.01      |         | ppb   |
| Selenium   | 78-2  | 1.16    | 0.26    | -0.20   | 0.41       | 170.66  | ppb   |
| Selenium   | 82-1  | -0.36   | -0.50   | 0.24    | -0.21      |         | ppb   |
| Silicon    | 28-1  | -17.67  | -14.09  | -20.18  | -17.32     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 26.35   | ppb   |
| Sodium     | 23-2  | 3.48    | 0.09    | 1.65    | 1.74       | 97.30   | ppb   |
| Strontium  | 86-1  | 0.00    | -0.02   | -0.03   | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 1985.98 | 2067.76 | 1620.99 | 1891.58    | 12.58   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.21    | 0.16    | 0.21    | 0.19       | 15.75   | ppb   |
| Titanium   | 47-1  | -0.02   | 0.05    | 0.05    | 0.02       | 168.59  | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.10   | -0.04   | -0.10   | -0.08      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:32:22 | DataFile Name :   | 124SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.01    | 0.01       | 57.78   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:35:33 | DataFile Name :   | 125SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.33    | 1.09    | 0.24    | 1.89       | 114.41  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.05   | 0.01    | -0.02      |         | ppb   |
| Barium     | 135-1 | -0.09   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.16   | 0.04    | -0.05   | -0.06      |         | ppb   |
| Boron      | 11-1  | 0.14    | -0.21   | 0.01    | -0.02      |         | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.12   | -0.05   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.20   | -1.27   | -0.19   | -0.89      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.08   | -0.05   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 52.59   | 44.47   | 31.54   | 42.87      | 24.77   | ppb   |
| Calcium    | 44-1  | 13.43   | 12.09   | 12.61   | 12.71      | 5.33    | ppb   |
| Chromium   | 52-2  | 0.03    | -0.02   | -0.08   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.12   | -0.07   | -0.11   | -0.10      |         | 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  | 0.20    | 0.42    | 0.19    | 0.27       | 50.22   | ppb   |
| Iron       | 57-2  | -1.86   | -0.45   | -0.26   | -0.86      |         | ppb   |
| Lead       | 206-1 | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Lead       | 207-1 | -0.07   | -0.05   | -0.03   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.06   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.32   | -1.13   | -0.81   | -1.09      |         | ppb   |
| Manganese  | 55-2  | -0.11   | -0.10   | -0.03   | -0.08      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:35:33 | DataFile Name :   | 125SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.07   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.16   | -0.17   | -0.14   | -0.16      |         | ppb   |
| Phosphorus | 31-2  | -10.56  | 1.71    | -10.50  | -6.45      |         | ppb   |
| Potassium  | 39-2  | -6.27   | 0.62    | -16.57  | -7.41      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.89    | -0.96   | -0.96   | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.65   | -0.21   | -1.11   | -0.66      |         | ppb   |
| Selenium   | 82-1  | 0.48    | -1.03   | -0.25   | -0.27      |         | ppb   |
| Silicon    | 28-1  | -18.17  | -21.18  | -19.54  | -19.63     |         | ppb   |
| Silver     | 109-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 58.07   | ppb   |
| Sodium     | 23-2  | -4.13   | -0.90   | -4.25   | -3.09      |         | ppb   |
| Strontium  | 86-1  | 0.05    | 0.02    | 0.00    | 0.03       | 92.44   | ppb   |
| Strontium  | 88-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | 2067.34 | 2074.68 | 1911.09 | 2017.70    | 4.58    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.01   | 0.06    | 0.01    | 0.02       | 167.11  | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.33   | -0.34   | -0.36   | -0.35      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:35:33 | DataFile Name :   | 125SMPL.d |

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

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-28 Instrumnet Name : P8  
 Client Sample ID : DC20894-64-FL3-BRA2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:38:45 DataFile Name : 126SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 23.54   | 15.38   | 23.70   | 20.87      | 22.80   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.06    | 0.05       | 22.12   | ppb   |
| Arsenic    | 75-2  | 0.20    | 0.25    | 0.20    | 0.22       | 12.99   | ppb   |
| Barium     | 135-1 | 17.47   | 17.60   | 17.97   | 17.68      | 1.45    | ppb   |
| Barium     | 137-1 | 17.62   | 17.47   | 17.20   | 17.43      | 1.22    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.09   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.62    | 3.17    | 3.50    | 3.10       | 14.27   | ppb   |
| Boron      | 11-1  | 3.28    | 3.53    | 3.53    | 3.45       | 4.24    | ppb   |
| Cadmium    | 111-1 | -0.16   | -0.10   | -0.14   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -1.86   | -1.11   | -1.74   | -1.57      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | -0.11   | -0.06   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 4407.58 | 4495.04 | 4374.56 | 4425.72    | 1.41    | ppb   |
| Calcium    | 44-1  | 4443.58 | 4547.32 | 4582.05 | 4524.32    | 1.59    | ppb   |
| Chromium   | 52-2  | -0.08   | -0.03   | -0.05   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Copper     | 63-2  | 194.78  | 195.30  | 196.57  | 195.55     | 0.47    | 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   | 19.34   | 17.69   | 19.13      | 7.09    | ppb   |
| Iron       | 57-2  | 13.38   | 18.97   | 17.26   | 16.54      | 17.34   | ppb   |
| Lead       | 206-1 | 0.48    | 0.39    | 0.48    | 0.45       | 11.34   | ppb   |
| Lead       | 207-1 | 0.39    | 0.39    | 0.40    | 0.39       | 2.01    | ppb   |
| Lead       | 208-1 | 0.41    | 0.42    | 0.44    | 0.42       | 2.73    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1031.61 | 1026.45 | 1029.20 | 1029.09    | 0.25    | ppb   |
| Manganese  | 55-2  | 12.42   | 12.52   | 12.51   | 12.49      | 0.43    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-28              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-64-FL3-BRA2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:38:45   | DataFile Name :   | 126SMPL.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    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.01    | 0.00       | 665.83  | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.25    | 0.17    | 0.24    | 0.22       | 20.38   | ppb   |
| Phosphorus | 31-2  | 557.27  | 749.55  | 605.13  | 637.32     | 15.71   | ppb   |
| Potassium  | 39-2  | 426.26  | 451.10  | 457.93  | 445.10     | 3.74    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.65    | -0.96   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 1.00    | 0.56    | -0.69   | 0.29       | 302.73  | ppb   |
| Selenium   | 82-1  | 0.06    | 0.50    | 0.41    | 0.32       | 71.96   | ppb   |
| Silicon    | 28-1  | 992.13  | 1000.54 | 1003.18 | 998.62     | 0.58    | ppb   |
| Silver     | 109-1 | 0.00    | -0.01   | 0.00    | 0.00       | 2229.70 | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 55.15   | ppb   |
| Sodium     | 23-2  | 9177.66 | 9018.65 | 9012.61 | 9069.64    | 1.03    | ppb   |
| Strontium  | 86-1  | 17.98   | 18.76   | 17.82   | 18.19      | 2.77    | ppb   |
| Strontium  | 88-1  | 18.52   | 18.53   | 18.28   | 18.44      | 0.75    | ppb   |
| Sulfur     | 34-1  | 1584.71 | 2083.40 | 2391.74 | 2019.95    | 20.16   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.41    | 0.36    | 0.26    | 0.34       | 22.90   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.02    | 0.03    | 0.03       | 35.81   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 31.33   | 33.54   | 31.98   | 32.28      | 3.52    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 7.47    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-28              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-64-FL3-BRA2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:38:45   | DataFile Name :   | 126SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.00    | 0.02       | 73.37   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-29 Instrumnet Name : P8  
 Client Sample ID : DC20894-65-FL3-HA-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:41:54 DataFile Name : 127SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.40   | 14.96   | 15.65   | 14.67      | 7.87    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 8.35    | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.21    | 0.21    | 0.21       | 2.27    | ppb   |
| Barium     | 135-1 | 18.55   | 19.07   | 19.16   | 18.93      | 1.76    | ppb   |
| Barium     | 137-1 | 18.55   | 18.27   | 18.61   | 18.48      | 1.00    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.47    | 3.93    | 3.66    | 3.69       | 6.22    | ppb   |
| Boron      | 11-1  | 3.34    | 3.74    | 3.44    | 3.51       | 6.06    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.10   | -0.10   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.57   | -1.07   | -0.95   | -1.20      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.06   | -0.03   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4407.54 | 4453.65 | 4384.71 | 4415.30    | 0.80    | ppb   |
| Calcium    | 44-1  | 4556.25 | 4560.65 | 4545.88 | 4554.26    | 0.17    | ppb   |
| Chromium   | 52-2  | -0.07   | 0.01    | -0.06   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Copper     | 63-2  | 119.32  | 119.11  | 117.68  | 118.70     | 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  | 20.16   | 19.73   | 19.48   | 19.79      | 1.76    | ppb   |
| Iron       | 57-2  | 26.12   | 21.84   | 19.58   | 22.51      | 14.76   | ppb   |
| Lead       | 206-1 | 0.30    | 0.35    | 0.31    | 0.32       | 7.62    | ppb   |
| Lead       | 207-1 | 0.29    | 0.28    | 0.27    | 0.28       | 4.04    | ppb   |
| Lead       | 208-1 | 0.28    | 0.31    | 0.29    | 0.29       | 3.89    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1033.66 | 1041.81 | 1007.67 | 1027.71    | 1.74    | ppb   |
| Manganese  | 55-2  | 14.15   | 13.76   | 14.56   | 14.16      | 2.84    | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-29 Instrumnet Name : P8  
 Client Sample ID : DC20894-65-FL3-HA-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:41:54 DataFile Name : 127SMPL.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  | 0.02    | -0.01   | 0.00    | 0.00       | 627.37  | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.00    | 0.01       | 85.97   | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.01   | -0.08   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.31    | 0.26    | 0.26    | 0.28       | 11.02   | ppb   |
| Phosphorus | 31-2  | 676.21  | 834.36  | 818.83  | 776.47     | 11.23   | ppb   |
| Potassium  | 39-2  | 448.33  | 435.49  | 450.19  | 444.67     | 1.80    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -1.11   | -0.25   | -1.11   | -0.82      |         | ppb   |
| Selenium   | 82-1  | -0.46   | 0.41    | 0.08    | 0.01       | 3468.62 | ppb   |
| Silicon    | 28-1  | 1032.26 | 1002.51 | 962.66  | 999.14     | 3.49    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.01       | 58.17   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.02    | 0.01       | 65.70   | ppb   |
| Sodium     | 23-2  | 9165.53 | 9233.82 | 9109.48 | 9169.61    | 0.68    | ppb   |
| Strontium  | 86-1  | 19.12   | 18.66   | 18.38   | 18.72      | 2.00    | ppb   |
| Strontium  | 88-1  | 19.17   | 19.29   | 18.92   | 19.13      | 0.99    | ppb   |
| Sulfur     | 34-1  | 2207.63 | 2465.63 | 2191.13 | 2288.13    | 6.73    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.05   | -0.02   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.07   | -0.04   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.41    | 0.25    | 0.40    | 0.35       | 25.35   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.04    | 0.02    | 0.03       | 26.07   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 22.24   | 21.21   | 20.95   | 21.47      | 3.17    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.01    | 0.02    | 0.02       | 43.50   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-29             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-65-FL3-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:41:54  | DataFile Name :   | 127SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.01    | 0.02       | 54.49   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-30 Instrumnet Name : P8  
 Client Sample ID : DC20894-66-FL3-HA-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:45:03 DataFile Name : 128SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 48.87   | 33.87   | 38.27   | 40.34      | 19.12   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 2.09    | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.22    | 0.22    | 0.21       | 5.85    | ppb   |
| Barium     | 135-1 | 18.53   | 19.06   | 18.42   | 18.67      | 1.84    | ppb   |
| Barium     | 137-1 | 18.44   | 18.57   | 18.54   | 18.52      | 0.38    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.65    | 3.56    | 4.09    | 3.77       | 7.56    | ppb   |
| Boron      | 11-1  | 3.02    | 3.59    | 3.76    | 3.45       | 11.27   | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.12   | -0.11   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -0.47   | -1.43   | -1.11   | -1.01      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | -0.08   | -0.11   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 4489.46 | 4376.74 | 4401.92 | 4422.71    | 1.34    | ppb   |
| Calcium    | 44-1  | 4582.00 | 4637.88 | 4526.33 | 4582.07    | 1.22    | ppb   |
| Chromium   | 52-2  | -0.06   | -0.11   | -0.08   | -0.09      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 125.28  | 118.81  | 120.09  | 121.39     | 2.82    | 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  | 18.02   | 19.03   | 18.10   | 18.38      | 3.07    | ppb   |
| Iron       | 57-2  | 18.34   | 20.83   | 23.35   | 20.84      | 12.01   | ppb   |
| Lead       | 206-1 | 0.42    | 0.44    | 0.45    | 0.44       | 3.73    | ppb   |
| Lead       | 207-1 | 0.37    | 0.34    | 0.36    | 0.36       | 4.77    | ppb   |
| Lead       | 208-1 | 0.40    | 0.39    | 0.40    | 0.40       | 2.56    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1059.65 | 994.10  | 1038.33 | 1030.69    | 3.24    | ppb   |
| Manganese  | 55-2  | 14.28   | 13.32   | 13.53   | 13.71      | 3.71    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-30             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-66-FL3-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:45:03  | DataFile Name :   | 128SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.01    | 0.01       | 35.74   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.01    | 0.00       | 119.06  | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.00    | 0.01       | 50.13   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.27    | 0.24    | 0.22    | 0.24       | 10.29   | ppb   |
| Phosphorus | 31-2  | 753.03  | 655.22  | 609.05  | 672.44     | 10.93   | ppb   |
| Potassium  | 39-2  | 486.00  | 457.38  | 440.25  | 461.21     | 5.01    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.71    | -0.07      |         | ppb   |
| Selenium   | 78-2  | 0.23    | -0.26   | 0.17    | 0.05       | 534.76  | ppb   |
| Selenium   | 82-1  | 0.88    | 0.54    | 0.63    | 0.68       | 25.70   | ppb   |
| Silicon    | 28-1  | 998.10  | 978.99  | 963.94  | 980.34     | 1.75    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.01       | 101.83  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 49.94   | ppb   |
| Sodium     | 23-2  | 9560.99 | 9047.49 | 9069.00 | 9225.82    | 3.15    | ppb   |
| Strontium  | 86-1  | 19.03   | 17.85   | 18.40   | 18.43      | 3.20    | ppb   |
| Strontium  | 88-1  | 19.16   | 19.02   | 18.70   | 18.96      | 1.23    | ppb   |
| Sulfur     | 34-1  | 2233.44 | 2033.23 | 2040.82 | 2102.50    | 5.40    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.45    | 0.30    | 0.36    | 0.37       | 20.29   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.03    | 0.02    | 0.03       | 16.85   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 41.01   | 39.37   | 40.54   | 40.31      | 2.10    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.02    | 0.03       | 24.36   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-30             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-66-FL3-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:45:03  | DataFile Name :   | 128SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.03    | 0.02       | 10.60   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-31 Instrumnet Name : P8  
 Client Sample ID : DC20894-67-FL3-CL9-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:48:12 DataFile Name : 129SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 21.70   | 24.73   | 18.03   | 21.49      | 15.63   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.05    | 0.05       | 4.51    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.16    | 0.17    | 0.22       | 41.17   | ppb   |
| Barium     | 135-1 | 18.35   | 19.03   | 18.50   | 18.62      | 1.90    | ppb   |
| Barium     | 137-1 | 18.24   | 18.72   | 18.51   | 18.49      | 1.30    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.07   | -0.07   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.80    | 3.83    | 4.24    | 3.96       | 6.25    | ppb   |
| Boron      | 11-1  | 4.02    | 3.65    | 3.80    | 3.83       | 4.84    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.17   | -0.14   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.02   | -2.08   | -1.68   | -1.59      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.14   | -0.11   | -0.12      |         | ppb   |
| Calcium    | 43-1  | 4565.33 | 4671.85 | 4578.62 | 4605.27    | 1.26    | ppb   |
| Calcium    | 44-1  | 4684.70 | 4814.77 | 4684.92 | 4728.13    | 1.59    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 93.77   | 93.46   | 95.00   | 94.07      | 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  | 21.21   | 21.61   | 22.09   | 21.64      | 2.03    | ppb   |
| Iron       | 57-2  | 15.62   | 22.58   | 18.15   | 18.78      | 18.74   | ppb   |
| Lead       | 206-1 | 0.35    | 0.36    | 0.33    | 0.35       | 4.53    | ppb   |
| Lead       | 207-1 | 0.32    | 0.30    | 0.30    | 0.31       | 3.86    | ppb   |
| Lead       | 208-1 | 0.32    | 0.35    | 0.32    | 0.33       | 4.63    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1009.90 | 1029.37 | 1022.32 | 1020.53    | 0.97    | ppb   |
| Manganese  | 55-2  | 13.11   | 13.21   | 13.14   | 13.15      | 0.40    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-31             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-67-FL3-CL9-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:48:12  | DataFile Name :   | 129SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.02    | 0.01    | 0.02       | 36.37   | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.01    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.13    | 0.16    | 0.17    | 0.15       | 14.47   | ppb   |
| Phosphorus | 31-2  | 557.46  | 834.77  | 686.47  | 692.90     | 20.03   | ppb   |
| Potassium  | 39-2  | 461.62  | 428.73  | 469.01  | 453.12     | 4.73    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 1.71    | 1.72    | -0.96   | 0.82       | 187.40  | ppb   |
| Selenium   | 78-2  | 0.17    | -0.68   | -1.11   | -0.54      |         | ppb   |
| Selenium   | 82-1  | -0.10   | 0.46    | 0.37    | 0.24       | 122.00  | ppb   |
| Silicon    | 28-1  | 1020.71 | 1033.36 | 1013.82 | 1022.63    | 0.97    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 2.85    | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.13   | ppb   |
| Sodium     | 23-2  | 9055.36 | 9140.50 | 9185.58 | 9127.15    | 0.72    | ppb   |
| Strontium  | 86-1  | 18.54   | 18.98   | 18.49   | 18.67      | 1.46    | ppb   |
| Strontium  | 88-1  | 19.34   | 19.64   | 19.07   | 19.35      | 1.48    | ppb   |
| Sulfur     | 34-1  | 2588.87 | 3081.16 | 3159.26 | 2943.09    | 10.51   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.32    | 0.44    | 0.24    | 0.33       | 29.86   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.04    | 0.03    | 0.03       | 15.89   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 16.25   | 15.49   | 15.80   | 15.85      | 2.42    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.31    | 0.02    | 0.13       | 117.43  | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-31             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-67-FL3-CL9-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:48:12  | DataFile Name :   | 129SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.04    | 0.03       | 24.62   | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-32 Instrumnet Name : P8  
 Client Sample ID : DC20894-68-FL3-CL9-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:51:23 DataFile Name : 130SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.65   | 18.26   | 25.58   | 21.16      | 18.37   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 4.90    | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.22    | 0.24    | 0.21       | 18.39   | ppb   |
| Barium     | 135-1 | 19.31   | 18.98   | 18.59   | 18.96      | 1.91    | ppb   |
| Barium     | 137-1 | 19.23   | 18.71   | 18.80   | 18.91      | 1.46    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.31    | 3.78    | 3.57    | 3.55       | 6.68    | ppb   |
| Boron      | 11-1  | 3.87    | 4.09    | 3.20    | 3.72       | 12.51   | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.05   | -0.05   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.96   | -0.27   | -0.43   | -0.55      |         | ppb   |
| Cadmium    | 108-1 | -0.14   | 0.00    | -0.06   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4541.94 | 4385.08 | 4502.44 | 4476.49    | 1.82    | ppb   |
| Calcium    | 44-1  | 4593.22 | 4581.42 | 4586.21 | 4586.95    | 0.13    | ppb   |
| Chromium   | 52-2  | 0.00    | -0.04   | -0.07   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Copper     | 63-2  | 92.05   | 91.50   | 92.11   | 91.89      | 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  | 19.47   | 17.65   | 18.23   | 18.45      | 5.06    | ppb   |
| Iron       | 57-2  | 20.59   | 13.01   | 17.99   | 17.20      | 22.40   | ppb   |
| Lead       | 206-1 | 0.28    | 0.37    | 0.30    | 0.32       | 14.59   | ppb   |
| Lead       | 207-1 | 0.25    | 0.23    | 0.22    | 0.24       | 6.40    | ppb   |
| Lead       | 208-1 | 0.28    | 0.29    | 0.26    | 0.28       | 5.71    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1000.00 | 998.12  | 1024.98 | 1007.70    | 1.49    | ppb   |
| Manganese  | 55-2  | 12.69   | 12.66   | 12.07   | 12.48      | 2.81    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-32 Instrumnet Name : P8  
 Client Sample ID : DC20894-68-FL3-CL9-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:51:23 DataFile Name : 130SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.01    | 0.00       | 223.19  | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.16    | 0.15    | 0.18    | 0.16       | 10.19   | ppb   |
| Phosphorus | 31-2  | 700.16  | 752.28  | 656.36  | 702.93     | 6.83    | ppb   |
| Potassium  | 39-2  | 415.99  | 461.21  | 450.60  | 442.60     | 5.34    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.68   | 0.62    | -0.68   | -0.24      |         | ppb   |
| Selenium   | 82-1  | 0.87    | -0.22   | 0.46    | 0.37       | 149.50  | ppb   |
| Silicon    | 28-1  | 1055.09 | 1106.34 | 1073.61 | 1078.35    | 2.41    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 100.78  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 45.79   | ppb   |
| Sodium     | 23-2  | 9135.52 | 9152.97 | 9111.44 | 9133.31    | 0.23    | ppb   |
| Strontium  | 86-1  | 18.98   | 18.57   | 18.53   | 18.69      | 1.33    | ppb   |
| Strontium  | 88-1  | 19.28   | 18.96   | 18.62   | 18.95      | 1.74    | ppb   |
| Sulfur     | 34-1  | 2847.15 | 2561.41 | 2999.20 | 2802.59    | 7.93    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.30    | 0.36    | 0.37    | 0.34       | 10.87   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.00    | 0.05    | 0.02       | 90.85   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 14.29   | 14.12   | 14.97   | 14.46      | 3.10    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.01    | 0.02       | 24.70   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-32             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-68-FL3-CL9-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:51:23  | DataFile Name :   | 130SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.03    | 0.03       | 43.33   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-33 Instrumnet Name : P8  
 Client Sample ID : DC20894-69-FL3-BRCL9 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:54:32 DataFile Name : 131SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 22.43   | 13.76   | 15.57   | 17.25      | 26.52   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.07    | 0.07       | 5.59    | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.22    | 0.17    | 0.19       | 16.00   | ppb   |
| Barium     | 135-1 | 17.65   | 17.78   | 17.99   | 17.80      | 0.96    | ppb   |
| Barium     | 137-1 | 17.70   | 18.30   | 18.01   | 18.00      | 1.66    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.95    | 3.62    | 3.21    | 3.59       | 10.24   | ppb   |
| Boron      | 11-1  | 3.55    | 3.99    | 3.69    | 3.74       | 5.97    | ppb   |
| Cadmium    | 111-1 | -0.16   | -0.11   | -0.08   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.98   | -1.07   | -0.94   | -1.33      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.06    | -0.08   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 4382.12 | 4423.57 | 4407.18 | 4404.29    | 0.47    | ppb   |
| Calcium    | 44-1  | 4614.65 | 4533.91 | 4528.73 | 4559.10    | 1.06    | ppb   |
| Chromium   | 52-2  | -0.06   | 0.04    | -0.07   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 144.76  | 149.37  | 145.30  | 146.48     | 1.72    | 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  | 14.82   | 16.58   | 14.99   | 15.46      | 6.28    | ppb   |
| Iron       | 57-2  | 21.10   | 13.47   | 14.36   | 16.31      | 25.56   | ppb   |
| Lead       | 206-1 | 0.78    | 0.76    | 0.79    | 0.78       | 1.45    | ppb   |
| Lead       | 207-1 | 0.69    | 0.75    | 0.72    | 0.72       | 4.29    | ppb   |
| Lead       | 208-1 | 0.75    | 0.75    | 0.75    | 0.75       | 0.52    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1034.07 | 1061.50 | 1012.16 | 1035.91    | 2.39    | ppb   |
| Manganese  | 55-2  | 10.31   | 10.26   | 9.93    | 10.17      | 2.04    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-33 Instrumnet Name : P8  
 Client Sample ID : DC20894-69-FL3-BRCL9 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:54:32 DataFile Name : 131SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.00    | 0.01       | 96.26   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.01    | -0.02   | 0.01       | 357.23  | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.05    | 2.87    | 2.86    | 2.93       | 3.75    | ppb   |
| Phosphorus | 31-2  | 456.21  | 740.33  | 702.96  | 633.17     | 24.38   | ppb   |
| Potassium  | 39-2  | 453.80  | 456.03  | 433.25  | 447.69     | 2.80    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 0.59    | 0.22    | -0.68   | 0.04       | 1619.37 | ppb   |
| Selenium   | 82-1  | 0.18    | -0.16   | 0.83    | 0.28       | 179.19  | ppb   |
| Silicon    | 28-1  | 988.18  | 962.42  | 978.05  | 976.22     | 1.33    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 28.06   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 25.22   | ppb   |
| Sodium     | 23-2  | 9184.62 | 9481.97 | 9160.57 | 9275.72    | 1.93    | ppb   |
| Strontium  | 86-1  | 18.40   | 18.39   | 18.80   | 18.53      | 1.25    | ppb   |
| Strontium  | 88-1  | 18.86   | 18.79   | 18.66   | 18.77      | 0.54    | ppb   |
| Sulfur     | 34-1  | 2625.16 | 2715.13 | 2951.68 | 2763.99    | 6.10    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.03   | -0.03   | -0.02      |         | ppb   |
| Tin        | 118-1 | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.30    | 0.29    | 0.31    | 0.30       | 4.13    | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.02    | 0.04    | 0.03       | 34.34   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 99.39   | 105.54  | 99.99   | 101.64     | 3.34    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.03    | 0.01    | 0.02       | 61.94   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-33             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-69-FL3-BRCL9 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:54:32  | DataFile Name :   | 131SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.00    | 0.02       | 87.56   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-34 Instrumnet Name : P8  
 Client Sample ID : DC20894-70-FL3-BRCL9 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:57:42 DataFile Name : 132SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 16.53   | 8.74    | 15.96   | 13.74      | 31.63   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.05    | 0.05       | 16.44   | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.17    | 0.13    | 0.17       | 18.70   | ppb   |
| Barium     | 135-1 | 18.29   | 17.79   | 17.77   | 17.95      | 1.65    | ppb   |
| Barium     | 137-1 | 17.49   | 17.39   | 17.68   | 17.52      | 0.86    | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.08   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.65    | 4.06    | 4.69    | 4.13       | 12.68   | ppb   |
| Boron      | 11-1  | 3.35    | 3.42    | 3.71    | 3.49       | 5.46    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.17   | -0.09   | -0.13      |         | ppb   |
| Cadmium    | 106-1 | -1.65   | -2.09   | -0.87   | -1.54      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4382.01 | 4461.58 | 4329.29 | 4390.96    | 1.52    | ppb   |
| Calcium    | 44-1  | 4465.73 | 4616.27 | 4505.80 | 4529.26    | 1.72    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.05   | -0.01   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Copper     | 63-2  | 140.42  | 140.51  | 140.92  | 140.62     | 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  | 19.47   | 20.91   | 20.29   | 20.22      | 3.58    | ppb   |
| Iron       | 57-2  | 21.66   | 26.54   | 18.29   | 22.16      | 18.71   | ppb   |
| Lead       | 206-1 | 0.13    | 0.14    | 0.14    | 0.14       | 4.04    | ppb   |
| Lead       | 207-1 | 0.15    | 0.15    | 0.14    | 0.15       | 3.72    | ppb   |
| Lead       | 208-1 | 0.15    | 0.13    | 0.14    | 0.14       | 6.30    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1035.19 | 1042.48 | 1012.46 | 1030.05    | 1.52    | ppb   |
| Manganese  | 55-2  | 12.70   | 12.45   | 12.43   | 12.53      | 1.17    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-34 Instrumnet Name : P8  
 Client Sample ID : DC20894-70-FL3-BRCL9 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:57:42 DataFile Name : 132SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.00    | 0.00       | 219.56  | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.06   | -0.05   | -0.06      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.75    | 0.71    | 0.77    | 0.74       | 4.59    | ppb   |
| Phosphorus | 31-2  | 824.21  | 732.36  | 572.06  | 709.54     | 17.99   | ppb   |
| Potassium  | 39-2  | 452.28  | 455.91  | 454.24  | 454.14     | 0.40    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.26   | -0.26   | -0.68   | -0.40      |         | ppb   |
| Selenium   | 82-1  | 0.97    | -0.01   | 0.44    | 0.46       | 105.85  | ppb   |
| Silicon    | 28-1  | 976.44  | 986.09  | 966.09  | 976.20     | 1.02    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 29.27   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 51.19   | ppb   |
| Sodium     | 23-2  | 9275.58 | 9184.09 | 9274.48 | 9244.72    | 0.57    | ppb   |
| Strontium  | 86-1  | 17.83   | 17.95   | 18.31   | 18.03      | 1.37    | ppb   |
| Strontium  | 88-1  | 18.67   | 18.81   | 18.30   | 18.60      | 1.40    | ppb   |
| Sulfur     | 34-1  | 2521.62 | 2968.28 | 2647.46 | 2712.45    | 8.49    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.35    | 0.37    | 0.24    | 0.32       | 22.75   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.04    | 0.05    | 0.04       | 16.53   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 60.88   | 63.12   | 63.78   | 62.59      | 2.43    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.15    | 0.01    | 0.06       | 135.21  | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-34             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-70-FL3-BRCL9 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:57:42  | DataFile Name :   | 132SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.00    | 0.00    | 0.01       | 188.26  | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-35 Instrumnet Name : P8  
 Client Sample ID : DC20894-71-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:00:51 DataFile Name : 133SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.47   | 16.65   | 11.11   | 13.75      | 20.23   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.06    | 0.05    | 0.06       | 14.54   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.24    | 0.25    | 0.24       | 1.68    | ppb   |
| Barium     | 135-1 | 17.90   | 18.38   | 17.83   | 18.04      | 1.65    | ppb   |
| Barium     | 137-1 | 18.31   | 18.35   | 18.23   | 18.29      | 0.34    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.10    | 3.40    | 3.52    | 3.68       | 10.17   | ppb   |
| Boron      | 11-1  | 3.10    | 3.97    | 4.26    | 3.78       | 16.07   | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.07   | -0.15   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -0.88   | -0.78   | -1.71   | -1.12      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.08   | -0.05   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4408.03 | 4361.47 | 4402.70 | 4390.74    | 0.58    | ppb   |
| Calcium    | 44-1  | 4569.62 | 4460.15 | 4473.83 | 4501.20    | 1.33    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.06   | 0.00    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 155.27  | 153.34  | 154.10  | 154.24     | 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  | 14.85   | 15.08   | 15.46   | 15.13      | 2.01    | ppb   |
| Iron       | 57-2  | 13.78   | 19.25   | 12.67   | 15.23      | 23.11   | ppb   |
| Lead       | 206-1 | 0.29    | 0.29    | 0.31    | 0.30       | 3.57    | ppb   |
| Lead       | 207-1 | 0.24    | 0.25    | 0.27    | 0.25       | 5.11    | ppb   |
| Lead       | 208-1 | 0.26    | 0.26    | 0.29    | 0.27       | 5.39    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1024.92 | 1001.20 | 1034.86 | 1020.32    | 1.69    | ppb   |
| Manganese  | 55-2  | 10.21   | 10.53   | 10.18   | 10.31      | 1.87    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-35 Instrumnet Name : P8  
 Client Sample ID : DC20894-71-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:00:51 DataFile Name : 133SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | 465.23  | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | 99.21   | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.67    | 0.76    | 0.72    | 0.72       | 6.09    | ppb   |
| Phosphorus | 31-2  | 679.88  | 693.76  | 746.69  | 706.78     | 4.99    | ppb   |
| Potassium  | 39-2  | 434.63  | 463.33  | 455.88  | 451.28     | 3.30    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.72    | 1.69    | 0.82       | 188.34  | ppb   |
| Selenium   | 78-2  | -1.11   | -0.25   | -1.11   | -0.82      |         | ppb   |
| Selenium   | 82-1  | 0.74    | 0.06    | 0.18    | 0.33       | 110.86  | ppb   |
| Silicon    | 28-1  | 967.29  | 960.57  | 992.09  | 973.32     | 1.71    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 35.39   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.02    | 0.02       | 24.62   | ppb   |
| Sodium     | 23-2  | 9225.10 | 9170.33 | 9180.56 | 9191.99    | 0.32    | ppb   |
| Strontium  | 86-1  | 18.45   | 18.37   | 18.88   | 18.57      | 1.49    | ppb   |
| Strontium  | 88-1  | 18.61   | 18.63   | 19.08   | 18.77      | 1.41    | ppb   |
| Sulfur     | 34-1  | 2843.61 | 2757.33 | 2822.09 | 2807.68    | 1.60    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.08   | -0.07   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.48    | 0.17    | 0.23    | 0.29       | 55.39   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.04    | 0.05    | 0.04       | 37.53   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 44.29   | 43.79   | 43.11   | 43.73      | 1.35    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.02    | 0.02       | 43.03   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-35             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-71-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:00:51  | DataFile Name :   | 133SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.02    | 0.03       | 19.59   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-36 Instrumnet Name : P8  
 Client Sample ID : DC20894-72-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:04:01 DataFile Name : 134SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.95   | 11.12   | 7.89    | 10.32      | 20.83   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.04    | 0.05    | 0.05       | 14.64   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.29    | 0.22    | 0.25       | 15.34   | ppb   |
| Barium     | 135-1 | 18.69   | 18.88   | 18.72   | 18.76      | 0.52    | ppb   |
| Barium     | 137-1 | 17.91   | 18.33   | 18.17   | 18.14      | 1.19    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.09   | -0.07   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.50    | 3.41    | 3.88    | 3.60       | 6.82    | ppb   |
| Boron      | 11-1  | 3.31    | 4.00    | 3.88    | 3.73       | 9.85    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.12   | -0.09   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.19   | -1.37   | -0.86   | -1.14      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.08   | 0.12    | 0.01       | 759.16  | ppb   |
| Calcium    | 43-1  | 4307.64 | 4516.85 | 4542.33 | 4455.60    | 2.89    | ppb   |
| Calcium    | 44-1  | 4531.34 | 4608.02 | 4598.62 | 4579.33    | 0.91    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.05   | -0.11   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 145.32  | 143.39  | 142.26  | 143.66     | 1.08    | 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  | 16.11   | 16.15   | 15.58   | 15.95      | 1.98    | ppb   |
| Iron       | 57-2  | 17.08   | 13.12   | 11.61   | 13.94      | 20.28   | ppb   |
| Lead       | 206-1 | 0.22    | 0.21    | 0.22    | 0.22       | 2.52    | ppb   |
| Lead       | 207-1 | 0.17    | 0.18    | 0.21    | 0.19       | 12.40   | ppb   |
| Lead       | 208-1 | 0.20    | 0.20    | 0.21    | 0.20       | 3.38    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1024.95 | 1040.79 | 1039.31 | 1035.02    | 0.85    | ppb   |
| Manganese  | 55-2  | 11.22   | 11.40   | 10.97   | 11.20      | 1.91    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-36 Instrumnet Name : P8  
 Client Sample ID : DC20894-72-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:04:01 DataFile Name : 134SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.01    | 0.01       | 51.95   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.02    | 0.00    | 0.01       | 228.63  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.70    | 0.57    | 0.62    | 0.63       | 10.60   | ppb   |
| Phosphorus | 31-2  | 705.14  | 713.28  | 781.63  | 733.35     | 5.73    | ppb   |
| Potassium  | 39-2  | 484.35  | 476.99  | 448.54  | 469.96     | 4.02    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.25   | -0.26   | -0.68   | -0.40      |         | ppb   |
| Selenium   | 82-1  | 0.42    | 0.84    | 0.59    | 0.61       | 34.35   | ppb   |
| Silicon    | 28-1  | 983.56  | 1011.43 | 993.15  | 996.05     | 1.42    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 26.98   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 49.14   | ppb   |
| Sodium     | 23-2  | 9248.02 | 9303.19 | 9068.02 | 9206.41    | 1.34    | ppb   |
| Strontium  | 86-1  | 18.73   | 18.55   | 19.04   | 18.77      | 1.30    | ppb   |
| Strontium  | 88-1  | 18.76   | 19.19   | 19.00   | 18.98      | 1.13    | ppb   |
| Sulfur     | 34-1  | 2851.46 | 3183.93 | 3370.01 | 3135.13    | 8.38    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.04   | -0.05      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.29    | 0.37    | 0.31    | 0.32       | 13.80   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.03    | 0.04    | 0.04       | 9.65    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 51.80   | 50.62   | 49.02   | 50.48      | 2.77    | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.01    | 0.02    | 0.01       | 74.25   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-36             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-72-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:04:01  | DataFile Name :   | 134SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.03    | 0.02       | 36.52   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100857BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100857BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:07:11 | DataFile Name :   | 135SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.09    | 1.07    | 1.07    | 1.08       | 0.69    | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 1181.33 | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.08   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.09   | -0.06   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.43    | 0.03    | 0.60    | 0.35       | 83.59   | ppb   |
| Boron      | 11-1  | 0.39    | -0.02   | 0.13    | 0.17       | 124.57  | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.03   | -0.10   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.59   | -0.05   | -1.01   | -0.55      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.08   | -0.11   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 49.83   | 44.21   | 25.10   | 39.71      | 32.63   | ppb   |
| Calcium    | 44-1  | 15.78   | 17.56   | 12.94   | 15.43      | 15.09   | ppb   |
| Chromium   | 52-2  | -0.05   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 0.32    | 0.27    | 0.25    | 0.28       | 12.89   | 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  | 0.44    | 0.33    | 0.60    | 0.46       | 30.43   | ppb   |
| Iron       | 57-2  | 1.16    | -1.16   | 1.35    | 0.45       | 308.84  | ppb   |
| Lead       | 206-1 | -0.07   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Lead       | 207-1 | -0.08   | -0.08   | -0.09   | -0.09      |         | ppb   |
| Lead       | 208-1 | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.79   | -1.14   | -0.81   | -0.91      |         | ppb   |
| Manganese  | 55-2  | -0.05   | -0.05   | -0.09   | -0.06      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100857BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100857BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:07:11 | DataFile Name :   | 135SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.08   | -0.08   | -0.07   | -0.08      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.14   | -0.03   | -0.10   | -0.09      |         | ppb   |
| Phosphorus | 31-2  | 25.91   | 25.54   | -10.45  | 13.67      | 152.86  | ppb   |
| Potassium  | 39-2  | -8.83   | -9.34   | 8.39    | -3.26      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.65   | -1.11   | 0.26    | -0.50      |         | ppb   |
| Selenium   | 82-1  | 0.71    | -0.12   | 0.78    | 0.45       | 110.41  | ppb   |
| Silicon    | 28-1  | -18.69  | -18.70  | -20.05  | -19.15     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 1352.61 | ppb   |
| Sodium     | 23-2  | -2.12   | -2.42   | -5.07   | -3.20      |         | ppb   |
| Strontium  | 86-1  | -0.01   | 0.02    | 0.07    | 0.02       | 167.42  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | 2624.70 | 2696.55 | 2170.85 | 2497.36    | 11.41   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.05   | -0.08   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.02    | -0.03   | -0.05   | -0.02      |         | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.28   | -0.39   | -0.20   | -0.29      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.02    | -0.01   | 0.01       | 286.76  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100857BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100857BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:07:11 | DataFile Name :   | 135SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.02    | 0.00    | 0.00       | 480.42  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:10:23 | DataFile Name :   | 136SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.14    | -0.58   | 0.24    | 0.27       | 322.39  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.00    | 0.00       | 75.59   | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.07   | -0.07   | -0.10   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.06   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.57    | 0.32    | 0.21    | 0.37       | 50.00   | ppb   |
| Boron      | 11-1  | 0.38    | 0.39    | 0.20    | 0.32       | 32.31   | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.10   | -0.16   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | 0.50    | -1.10   | -1.90   | -0.83      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.08   | -0.05   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 35.51   | 27.85   | 26.34   | 29.90      | 16.46   | ppb   |
| Calcium    | 44-1  | 14.27   | 16.72   | 18.96   | 16.65      | 14.10   | ppb   |
| Chromium   | 52-2  | 0.01    | -0.11   | -0.05   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.09   | -0.13   | -0.12   | -0.11      |         | 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  | 0.44    | 0.35    | 0.02    | 0.27       | 81.15   | ppb   |
| Iron       | 57-2  | 1.32    | -0.05   | -1.41   | -0.05      |         | ppb   |
| Lead       | 206-1 | 488.41  | 481.66  | 487.96  | 486.01     | 0.78    | ppb   |
| Lead       | 207-1 | 483.82  | 449.90  | 484.23  | 472.65     | 4.17    | ppb   |
| Lead       | 208-1 | 491.44  | 472.68  | 490.17  | 484.76     | 2.16    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.25   | -1.32   | -1.32   | -1.30      |         | ppb   |
| Manganese  | 55-2  | -0.09   | -0.08   | -0.12   | -0.10      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:10:23 | DataFile Name :   | 136SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.04   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.07   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.15   | -0.16   | -0.13   | -0.14      |         | ppb   |
| Phosphorus | 31-2  | 2.48    | -22.44  | 1.35    | -6.20      |         | ppb   |
| Potassium  | 39-2  | 14.01   | -2.49   | -3.59   | 2.64       | 372.73  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -1.11   | -0.21   | -0.66   | -0.66      |         | ppb   |
| Selenium   | 82-1  | 0.79    | -0.16   | -0.49   | 0.05       | 1323.30 | ppb   |
| Silicon    | 28-1  | -16.79  | -16.77  | -18.24  | -17.27     |         | ppb   |
| Silver     | 109-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 223.25  | ppb   |
| Sodium     | 23-2  | -5.22   | -5.28   | -1.54   | -4.01      |         | ppb   |
| Strontium  | 86-1  | 0.05    | 0.04    | 0.04    | 0.04       | 11.20   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2545.30 | 2500.37 | 2256.12 | 2433.93    | 6.39    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.20    | 0.23    | 0.25    | 0.23       | 11.52   | ppb   |
| Titanium   | 47-1  | 0.02    | 0.05    | 0.00    | 0.02       | 115.74  | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.22   | -0.18   | -0.14   | -0.18      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:10:23 | DataFile Name :   | 136SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:13:34 | DataFile Name :   | 137SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.05    | 1.06    | 1.91    | 1.34       | 36.70   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 455.51  | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.13    | -0.31   | 0.37    | 0.06       | 533.24  | ppb   |
| Boron      | 11-1  | -0.14   | 0.00    | -0.16   | -0.10      |         | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.55   | -0.62   | -0.48   | -0.55      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.11   | 0.02    | -0.06      |         | ppb   |
| Calcium    | 43-1  | 66.05   | 42.21   | 25.08   | 44.45      | 46.29   | ppb   |
| Calcium    | 44-1  | 17.21   | 13.31   | 13.75   | 14.76      | 14.49   | ppb   |
| Chromium   | 52-2  | -0.05   | -0.09   | -0.07   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.13   | -0.13   | -0.13   | -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  | 0.26    | 0.13    | -0.03   | 0.12       | 121.38  | ppb   |
| Iron       | 57-2  | 0.14    | 0.41    | 2.97    | 1.17       | 132.71  | ppb   |
| Lead       | 206-1 | -0.04   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Lead       | 207-1 | -0.04   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.00   | -1.31   | -0.97   | -1.09      |         | ppb   |
| Manganese  | 55-2  | -0.07   | -0.12   | -0.04   | -0.07      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:13:34 | DataFile Name :   | 137SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.09   | -0.08   | -0.07   | -0.08      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.17   | -0.16   | -0.13   | -0.15      |         | ppb   |
| Phosphorus | 31-2  | -22.44  | -10.52  | 25.65   | -2.44      |         | ppb   |
| Potassium  | 39-2  | 4.35    | -3.51   | 8.01    | 2.95       | 199.42  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 4.71    | 1.91    | 4.84    | 3.82       | 43.28   | ppb   |
| Selenium   | 78-2  | -1.11   | 0.27    | -1.11   | -0.65      |         | ppb   |
| Selenium   | 82-1  | 0.66    | -0.10   | 0.04    | 0.20       | 202.80  | ppb   |
| Silicon    | 28-1  | -17.21  | -19.87  | -19.82  | -18.96     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 328.29  | ppb   |
| Sodium     | 23-2  | -1.25   | -5.65   | -5.64   | -4.18      |         | ppb   |
| Strontium  | 86-1  | -0.03   | 0.04    | -0.02   | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 3008.03 | 2396.29 | 2642.14 | 2682.15    | 11.48   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | -0.01   | 0.03    | 0.05    | 0.02       | 150.37  | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.44   | -0.39   | -0.33   | -0.39      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:13:34 | DataFile Name :   | 137SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.00    | 0.00       | 330.39  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100857BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100857BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:16:45 | DataFile Name :   | 138SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.05    | -0.58   | -0.58   | -0.03      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 114.07  | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.07   | -0.09   | -0.06   | -0.07      |         | ppb   |
| Barium     | 137-1 | -0.05   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.22    | -0.08   | -0.13   | 0.00       | 8763.23 | ppb   |
| Boron      | 11-1  | 0.38    | 0.07    | 0.11    | 0.19       | 90.51   | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.08   | -0.09   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.70   | -0.79   | -0.96   | -1.15      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.08   | -0.05   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 66.63   | 42.09   | 41.75   | 50.15      | 28.45   | ppb   |
| Calcium    | 44-1  | 25.67   | 16.89   | 19.50   | 20.69      | 21.81   | ppb   |
| Chromium   | 52-2  | -0.03   | 0.02    | -0.10   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.11   | -0.10   | -0.11   | -0.11      |         | 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  | 0.61    | 0.32    | 0.34    | 0.42       | 37.83   | ppb   |
| Iron       | 57-2  | 1.29    | -0.48   | -1.44   | -0.21      |         | ppb   |
| Lead       | 206-1 | 500.96  | 487.74  | 497.06  | 495.26     | 1.37    | ppb   |
| Lead       | 207-1 | 481.67  | 488.30  | 468.71  | 479.56     | 2.08    | ppb   |
| Lead       | 208-1 | 499.42  | 493.23  | 486.79  | 493.15     | 1.28    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.83   | -0.47   | -0.68   | -0.66      |         | ppb   |
| Manganese  | 55-2  | -0.01   | -0.06   | -0.06   | -0.04      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100857BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100857BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:16:45 | DataFile Name :   | 138SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.07   | -0.06   | -0.08   | -0.07      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.14   | -0.11   | -0.15   | -0.13      |         | ppb   |
| Phosphorus | 31-2  | -22.44  | 1.53    | -10.72  | -10.54     |         | ppb   |
| Potassium  | 39-2  | 5.53    | 3.41    | 1.72    | 3.55       | 53.64   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.21   | 0.23    | -0.66   | -0.21      |         | ppb   |
| Selenium   | 82-1  | -0.83   | -0.04   | -0.26   | -0.38      |         | ppb   |
| Silicon    | 28-1  | -9.27   | -17.55  | -15.81  | -14.21     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | -1.80   | -5.51   | -2.18   | -3.16      |         | ppb   |
| Strontium  | 86-1  | 0.00    | -0.02   | 0.04    | 0.01       | 422.33  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 3332.69 | 2592.00 | 2755.97 | 2893.55    | 13.45   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.05   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.29    | 0.28    | 0.26    | 0.28       | 6.68    | ppb   |
| Titanium   | 47-1  | 0.02    | 0.02    | 0.12    | 0.05       | 109.24  | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.04   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.04   | 0.00    | -0.09   | -0.04      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 208.36  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100857BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100857BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:16:45 | DataFile Name :   | 138SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.01    | 0.00       | 86.82   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-01 Instrumnet Name : P8  
 Client Sample ID : DC20894-73-FL3-CL11-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:19:57 DataFile Name : 139SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.96   | 12.14   | 14.95   | 13.69      | 10.44   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.06    | 0.06       | 7.84    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.28    | 0.43    | 0.34       | 24.12   | ppb   |
| Barium     | 135-1 | 18.25   | 18.66   | 18.29   | 18.40      | 1.22    | ppb   |
| Barium     | 137-1 | 18.24   | 18.41   | 18.16   | 18.27      | 0.71    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.28    | 3.34    | 3.15    | 3.26       | 3.11    | ppb   |
| Boron      | 11-1  | 2.91    | 3.44    | 3.37    | 3.24       | 8.81    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.11   | -0.06   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -0.75   | -1.23   | -0.56   | -0.85      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.08   | -0.11   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 4373.94 | 4357.95 | 4358.03 | 4363.31    | 0.21    | ppb   |
| Calcium    | 44-1  | 4510.17 | 4483.84 | 4542.18 | 4512.06    | 0.65    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.01   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 150.33  | 147.16  | 159.75  | 152.41     | 4.30    | 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  | 14.88   | 13.87   | 15.86   | 14.87      | 6.71    | ppb   |
| Iron       | 57-2  | 15.76   | 15.93   | 14.16   | 15.28      | 6.39    | ppb   |
| Lead       | 206-1 | 0.16    | 0.14    | 0.15    | 0.15       | 5.75    | ppb   |
| Lead       | 207-1 | 0.12    | 0.15    | 0.10    | 0.12       | 23.29   | ppb   |
| Lead       | 208-1 | 0.12    | 0.13    | 0.12    | 0.12       | 7.96    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1031.99 | 991.88  | 1096.74 | 1040.20    | 5.09    | ppb   |
| Manganese  | 55-2  | 9.34    | 9.21    | 10.45   | 9.67       | 7.02    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-01              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-73-FL3-CL11-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:19:57   | DataFile Name :   | 139SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.00    | 0.01       | 149.69  | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.01   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.42    | 0.47    | 0.62    | 0.50       | 20.29   | ppb   |
| Phosphorus | 31-2  | 566.34  | 683.26  | 1057.25 | 768.95     | 33.35   | ppb   |
| Potassium  | 39-2  | 447.35  | 438.36  | 517.12  | 467.61     | 9.22    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.69   | 0.58    | 0.23    | 0.04       | 1585.54 | ppb   |
| Selenium   | 82-1  | 0.09    | 0.70    | -0.39   | 0.13       | 407.88  | ppb   |
| Silicon    | 28-1  | 959.20  | 953.57  | 976.79  | 963.19     | 1.26    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 45.40   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.01       | 56.65   | ppb   |
| Sodium     | 23-2  | 9294.55 | 8933.79 | 9781.17 | 9336.50    | 4.55    | ppb   |
| Strontium  | 86-1  | 18.31   | 18.30   | 18.15   | 18.25      | 0.48    | ppb   |
| Strontium  | 88-1  | 18.73   | 18.68   | 18.58   | 18.66      | 0.39    | ppb   |
| Sulfur     | 34-1  | 2682.71 | 2571.78 | 2923.13 | 2725.87    | 6.59    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.31    | 0.29    | 0.40    | 0.33       | 18.89   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.02    | 0.01    | 0.02       | 73.34   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 51.08   | 51.72   | 56.28   | 53.02      | 5.35    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 11.00   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-01              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-73-FL3-CL11-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:19:57   | DataFile Name :   | 139SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.03    | 0.03       | 24.94   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-02 Instrumnet Name : P8  
 Client Sample ID : DC20894-74-FL3-CL11-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:23:06 DataFile Name : 140SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.15   | 65.72   | 14.75   | 30.21      | 102.09  | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.06    | 0.06       | 5.65    | ppb   |
| Arsenic    | 75-2  | 0.16    | 0.16    | 0.27    | 0.20       | 32.07   | ppb   |
| Barium     | 135-1 | 18.82   | 19.11   | 19.35   | 19.09      | 1.38    | ppb   |
| Barium     | 137-1 | 18.61   | 18.68   | 19.26   | 18.85      | 1.90    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.32    | 3.69    | 4.23    | 3.75       | 12.27   | ppb   |
| Boron      | 11-1  | 3.48    | 3.50    | 3.17    | 3.38       | 5.45    | ppb   |
| Cadmium    | 111-1 | -0.17   | -0.07   | -0.11   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -2.07   | -0.70   | -1.32   | -1.36      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.03   | -0.11   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4396.82 | 4385.82 | 4632.66 | 4471.77    | 3.12    | ppb   |
| Calcium    | 44-1  | 4555.86 | 4554.24 | 4738.68 | 4616.26    | 2.30    | ppb   |
| Chromium   | 52-2  | 0.04    | -0.01   | -0.01   | 0.01       | 495.76  | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Copper     | 63-2  | 145.43  | 145.37  | 142.98  | 144.59     | 0.97    | 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  | 16.98   | 16.38   | 15.67   | 16.34      | 4.00    | ppb   |
| Iron       | 57-2  | 15.37   | 16.72   | 16.42   | 16.17      | 4.40    | ppb   |
| Lead       | 206-1 | 0.25    | 0.25    | 0.30    | 0.27       | 11.95   | ppb   |
| Lead       | 207-1 | 0.24    | 0.22    | 0.25    | 0.24       | 5.93    | ppb   |
| Lead       | 208-1 | 0.25    | 0.24    | 0.28    | 0.25       | 8.52    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1038.03 | 1051.00 | 1014.01 | 1034.35    | 1.81    | ppb   |
| Manganese  | 55-2  | 12.46   | 12.06   | 11.84   | 12.12      | 2.60    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-02              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-74-FL3-CL11-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:23:06   | DataFile Name :   | 140SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.02    | 0.01       | 145.64  | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.02    | 0.01       | 92.36   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.33    | 1.44    | 1.35    | 1.37       | 4.32    | ppb   |
| Phosphorus | 31-2  | 756.37  | 603.06  | 756.36  | 705.26     | 12.55   | ppb   |
| Potassium  | 39-2  | 465.45  | 453.93  | 454.92  | 458.10     | 1.39    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.71    | 1.72    | 0.83       | 187.25  | ppb   |
| Selenium   | 78-2  | -0.69   | 0.17    | -0.25   | -0.26      |         | ppb   |
| Selenium   | 82-1  | -0.07   | 0.32    | 0.78    | 0.34       | 124.01  | ppb   |
| Silicon    | 28-1  | 954.43  | 982.06  | 1042.00 | 992.83     | 4.51    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 73.70   | ppb   |
| Silver     | 107-1 | 0.00    | 0.02    | 0.01    | 0.01       | 58.48   | ppb   |
| Sodium     | 23-2  | 9213.95 | 9137.02 | 9190.78 | 9180.58    | 0.43    | ppb   |
| Strontium  | 86-1  | 18.31   | 18.11   | 19.00   | 18.47      | 2.52    | ppb   |
| Strontium  | 88-1  | 18.86   | 18.49   | 19.46   | 18.94      | 2.60    | ppb   |
| Sulfur     | 34-1  | 2361.09 | 2623.55 | 3736.52 | 2907.05    | 25.12   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.08   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.26    | 0.41    | 0.44    | 0.37       | 26.37   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.03    | 0.01    | 0.02       | 41.71   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 43.78   | 43.79   | 41.17   | 42.91      | 3.52    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.04    | 0.02       | 68.40   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-02              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-74-FL3-CL11-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:23:06   | DataFile Name :   | 140SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.03    | 0.02    | 0.03       | 43.58   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-03 Instrumnet Name : P8  
 Client Sample ID : DC20894-75-FL3-CL10-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:26:15 DataFile Name : 141SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.05   | 13.33   | 21.04   | 15.81      | 28.67   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.07    | 0.06       | 8.55    | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.20    | 0.22    | 0.20       | 13.20   | ppb   |
| Barium     | 135-1 | 19.08   | 18.59   | 18.34   | 18.67      | 2.01    | ppb   |
| Barium     | 137-1 | 18.71   | 18.56   | 18.46   | 18.58      | 0.69    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.09   | -0.08   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.13    | 3.65    | 3.27    | 3.35       | 8.10    | ppb   |
| Boron      | 11-1  | 3.52    | 3.73    | 3.56    | 3.60       | 3.01    | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.10   | -0.14   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -0.86   | -1.23   | -1.42   | -1.17      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.08   | 0.08    | -0.04      |         | ppb   |
| Calcium    | 43-1  | 4543.93 | 4508.88 | 4441.59 | 4498.13    | 1.16    | ppb   |
| Calcium    | 44-1  | 4641.42 | 4605.01 | 4572.82 | 4606.41    | 0.75    | ppb   |
| Chromium   | 52-2  | -0.02   | -0.06   | -0.12   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 149.01  | 150.58  | 149.91  | 149.83     | 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  | 15.97   | 14.87   | 15.01   | 15.28      | 3.95    | ppb   |
| Iron       | 57-2  | 17.01   | 19.14   | 13.37   | 16.51      | 17.69   | ppb   |
| Lead       | 206-1 | 0.24    | 0.26    | 0.23    | 0.24       | 5.50    | ppb   |
| Lead       | 207-1 | 0.17    | 0.21    | 0.18    | 0.19       | 9.03    | ppb   |
| Lead       | 208-1 | 0.21    | 0.21    | 0.21    | 0.21       | 0.71    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 999.48  | 1044.77 | 1041.67 | 1028.64    | 2.46    | ppb   |
| Manganese  | 55-2  | 9.89    | 10.72   | 11.44   | 10.68      | 7.26    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-03 Instrumnet Name : P8  
 Client Sample ID : DC20894-75-FL3-CL10-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:26:15 DataFile Name : 141SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.00    | 0.01    | 0.00       | 107.95  | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.00    | 0.00       | 174.87  | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.80    | 0.73    | 0.80    | 0.78       | 5.06    | ppb   |
| Phosphorus | 31-2  | 494.09  | 796.10  | 772.97  | 687.72     | 24.44   | ppb   |
| Potassium  | 39-2  | 434.87  | 460.34  | 450.42  | 448.55     | 2.86    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.70    | -0.07      |         | ppb   |
| Selenium   | 78-2  | 0.17    | 0.15    | -1.11   | -0.26      |         | ppb   |
| Selenium   | 82-1  | -0.27   | -0.81   | 0.21    | -0.29      |         | ppb   |
| Silicon    | 28-1  | 994.41  | 998.61  | 1010.69 | 1001.24    | 0.84    | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 41.54   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.01    | 0.01       | 61.97   | ppb   |
| Sodium     | 23-2  | 9039.15 | 9317.11 | 9159.54 | 9171.94    | 1.52    | ppb   |
| Strontium  | 86-1  | 19.15   | 18.81   | 18.72   | 18.89      | 1.22    | ppb   |
| Strontium  | 88-1  | 19.39   | 19.37   | 18.66   | 19.14      | 2.17    | ppb   |
| Sulfur     | 34-1  | 2768.72 | 2521.90 | 2622.89 | 2637.84    | 4.70    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.09   | -0.06   | -0.10   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.40    | 0.39    | 0.28    | 0.36       | 18.23   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | -0.01   | 0.01    | 0.02       | 160.31  | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 44.92   | 46.56   | 44.15   | 45.21      | 2.72    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.01    | 0.02       | 22.86   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-03              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-75-FL3-CL10-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:26:15   | DataFile Name :   | 141SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.02    | 0.00    | 0.02       | 90.99   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-04 Instrumnet Name : P8  
 Client Sample ID : DC20894-76-FL3-CL10-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:29:23 DataFile Name : 142SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.65   | 8.69    | 10.98   | 10.44      | 14.89   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.04    | 0.05       | 9.88    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.19    | 0.30    | 0.25       | 22.19   | ppb   |
| Barium     | 135-1 | 18.69   | 18.14   | 19.16   | 18.66      | 2.71    | ppb   |
| Barium     | 137-1 | 18.22   | 18.06   | 18.57   | 18.29      | 1.41    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.07   | -0.06   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.66    | 3.51    | 3.39    | 3.52       | 3.96    | ppb   |
| Boron      | 11-1  | 3.32    | 3.30    | 3.69    | 3.44       | 6.29    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.14   | -0.14   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -0.42   | -1.74   | -1.62   | -1.26      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | -0.11   | -0.08   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4464.27 | 4429.19 | 4591.43 | 4494.96    | 1.90    | ppb   |
| Calcium    | 44-1  | 4572.08 | 4464.62 | 4738.57 | 4591.76    | 3.01    | ppb   |
| Chromium   | 52-2  | -0.06   | 0.01    | -0.02   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 150.71  | 151.80  | 152.08  | 151.53     | 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  | 15.21   | 16.93   | 21.88   | 18.01      | 19.24   | ppb   |
| Iron       | 57-2  | 12.36   | 18.06   | 14.18   | 14.87      | 19.60   | ppb   |
| Lead       | 206-1 | 0.14    | 0.11    | 0.15    | 0.13       | 13.33   | ppb   |
| Lead       | 207-1 | 0.12    | 0.10    | 0.11    | 0.11       | 7.94    | ppb   |
| Lead       | 208-1 | 0.13    | 0.13    | 0.13    | 0.13       | 1.09    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1022.61 | 1022.92 | 1003.67 | 1016.40    | 1.08    | ppb   |
| Manganese  | 55-2  | 10.66   | 10.87   | 10.69   | 10.74      | 1.04    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-04              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-76-FL3-CL10-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:29:23   | DataFile Name :   | 142SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.07    | 0.00    | 0.01    | 0.03       | 143.56  | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.02   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.06   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.50    | 0.31    | 0.36    | 0.39       | 25.35   | ppb   |
| Phosphorus | 31-2  | 476.83  | 571.47  | 625.96  | 558.09     | 13.52   | ppb   |
| Potassium  | 39-2  | 448.26  | 445.52  | 449.88  | 447.89     | 0.49    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.68    | -0.08      |         | ppb   |
| Selenium   | 78-2  | -0.27   | 1.39    | -0.27   | 0.29       | 333.00  | ppb   |
| Selenium   | 82-1  | 0.04    | -0.29   | 0.22    | -0.01      |         | ppb   |
| Silicon    | 28-1  | 1000.12 | 964.80  | 1031.34 | 998.75     | 3.33    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 52.74   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 39.12   | ppb   |
| Sodium     | 23-2  | 9180.81 | 9245.77 | 9223.29 | 9216.62    | 0.36    | ppb   |
| Strontium  | 86-1  | 18.56   | 18.24   | 19.78   | 18.86      | 4.31    | ppb   |
| Strontium  | 88-1  | 18.93   | 18.64   | 19.63   | 19.07      | 2.68    | ppb   |
| Sulfur     | 34-1  | 2162.78 | 2531.33 | 3314.25 | 2669.45    | 22.03   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.07   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 1.18    | 0.36    | 0.40    | 0.64       | 71.69   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.05    | 0.03    | 0.03       | 53.37   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 44.40   | 43.66   | 44.07   | 44.04      | 0.85    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.03    | 0.02       | 36.77   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-04              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-76-FL3-CL10-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:29:23   | DataFile Name :   | 142SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.01    | 0.02    | 0.02       | 58.49   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-05 Instrumnet Name : P8  
 Client Sample ID : DC20894-77-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:32:32 DataFile Name : 143SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 30.99   | 32.44   | 22.24   | 28.56      | 19.33   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.05    | 0.05       | 19.96   | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.16    | 0.20    | 0.18       | 12.41   | ppb   |
| Barium     | 135-1 | 18.47   | 19.06   | 17.67   | 18.40      | 3.77    | ppb   |
| Barium     | 137-1 | 18.53   | 18.92   | 18.22   | 18.56      | 1.87    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.10   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.10    | 3.90    | 3.40    | 3.47       | 11.63   | ppb   |
| Boron      | 11-1  | 3.62    | 3.83    | 3.38    | 3.61       | 6.25    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.13   | -0.10   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.46   | -1.54   | -1.18   | -1.39      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.05   | -0.06   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4341.94 | 4798.34 | 4355.36 | 4498.55    | 5.77    | ppb   |
| Calcium    | 44-1  | 4458.62 | 4915.74 | 4491.14 | 4621.83    | 5.52    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Copper     | 63-2  | 126.99  | 126.61  | 125.35  | 126.31     | 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  | 22.97   | 22.80   | 23.60   | 23.12      | 1.82    | ppb   |
| Iron       | 57-2  | 22.89   | 26.85   | 20.25   | 23.33      | 14.23   | ppb   |
| Lead       | 206-1 | 0.58    | 0.57    | 0.58    | 0.58       | 0.91    | ppb   |
| Lead       | 207-1 | 0.43    | 0.51    | 0.50    | 0.48       | 8.77    | ppb   |
| Lead       | 208-1 | 0.51    | 0.54    | 0.53    | 0.52       | 3.18    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1055.35 | 1050.56 | 1025.67 | 1043.86    | 1.53    | ppb   |
| Manganese  | 55-2  | 18.24   | 17.50   | 17.71   | 17.82      | 2.14    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-77-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:32:32  | DataFile Name :   | 143SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.02    | 0.01    | 0.01       | 98.98   | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.02   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.00    | 0.00       | 485.31  | ppb   |
| Molybdenum | 97-1  | -0.07   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.45    | 2.21    | 2.24    | 2.30       | 5.82    | ppb   |
| Phosphorus | 31-2  | 759.78  | 735.44  | 628.79  | 708.00     | 9.84    | ppb   |
| Potassium  | 39-2  | 464.76  | 442.80  | 440.23  | 449.26     | 3.00    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.27   | -0.28   | -0.27   | -0.27      |         | ppb   |
| Selenium   | 82-1  | 0.32    | 0.15    | -0.42   | 0.01       | 3104.24 | ppb   |
| Silicon    | 28-1  | 980.67  | 1080.35 | 981.61  | 1014.21    | 5.65    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.01       | 70.30   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 64.58   | ppb   |
| Sodium     | 23-2  | 9283.63 | 9274.93 | 9171.80 | 9243.46    | 0.67    | ppb   |
| Strontium  | 86-1  | 18.56   | 19.74   | 18.33   | 18.88      | 4.00    | ppb   |
| Strontium  | 88-1  | 18.57   | 19.89   | 18.86   | 19.11      | 3.61    | ppb   |
| Sulfur     | 34-1  | 1774.01 | 3359.43 | 2113.41 | 2415.62    | 34.56   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.03   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.47    | 0.52    | 0.38    | 0.46       | 15.19   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.03    | 0.03    | 0.03       | 22.70   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 142.12  | 140.23  | 139.20  | 140.52     | 1.06    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.06    | 0.02    | 0.03       | 65.18   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-77-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:32:32  | DataFile Name :   | 143SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.03    | 0.03       | 43.96   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-06 Instrumnet Name : P8  
 Client Sample ID : DC20894-78-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:35:42 DataFile Name : 144SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 50.33   | 52.76   | 52.41   | 51.83      | 2.53    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.10    | 0.09    | 0.09       | 18.82   | ppb   |
| Arsenic    | 75-2  | 0.13    | 0.24    | 0.12    | 0.16       | 41.83   | ppb   |
| Barium     | 135-1 | 19.21   | 19.21   | 18.94   | 19.12      | 0.83    | ppb   |
| Barium     | 137-1 | 19.59   | 18.98   | 18.61   | 19.06      | 2.60    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.08   | -0.09   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.53    | 4.43    | 3.87    | 4.27       | 8.35    | ppb   |
| Boron      | 11-1  | 3.61    | 3.92    | 4.24    | 3.93       | 8.02    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.14   | -0.05   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -0.77   | -1.80   | -0.52   | -1.03      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 5258.96 | 5199.97 | 5106.66 | 5188.53    | 1.48    | ppb   |
| Calcium    | 44-1  | 5342.97 | 5254.30 | 5299.05 | 5298.77    | 0.84    | ppb   |
| Chromium   | 52-2  | 0.10    | 0.21    | 0.02    | 0.11       | 86.20   | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 87.30   | 86.71   | 87.31   | 87.10      | 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  | 28.36   | 28.58   | 31.16   | 29.37      | 5.30    | ppb   |
| Iron       | 57-2  | 36.59   | 29.13   | 27.06   | 30.93      | 16.21   | ppb   |
| Lead       | 206-1 | 0.53    | 0.56    | 0.55    | 0.55       | 3.00    | ppb   |
| Lead       | 207-1 | 0.56    | 0.52    | 0.47    | 0.52       | 8.75    | ppb   |
| Lead       | 208-1 | 0.52    | 0.54    | 0.52    | 0.53       | 1.67    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 998.11  | 1003.82 | 1021.63 | 1007.85    | 1.22    | ppb   |
| Manganese  | 55-2  | 12.96   | 12.30   | 12.18   | 12.48      | 3.35    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-06             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-78-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:35:42  | DataFile Name :   | 144SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.02    | 0.03    | 0.03       | 26.12   | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.01    | 0.00    | 0.00       | 148.94  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.01    | 0.01       | 73.31   | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.02    | 0.01    | 0.01       | 100.10  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.07    | 1.03    | 1.06    | 1.05       | 1.81    | ppb   |
| Phosphorus | 31-2  | 517.89  | 674.22  | 635.18  | 609.10     | 13.36   | ppb   |
| Potassium  | 39-2  | 480.45  | 473.63  | 450.27  | 468.12     | 3.38    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.73    | -0.06      |         | ppb   |
| Selenium   | 78-2  | -0.27   | -0.69   | -0.68   | -0.55      |         | ppb   |
| Selenium   | 82-1  | 0.03    | 0.24    | 0.66    | 0.31       | 103.65  | ppb   |
| Silicon    | 28-1  | 1005.56 | 999.11  | 994.94  | 999.87     | 0.53    | ppb   |
| Silver     | 109-1 | 0.03    | 0.02    | 0.01    | 0.02       | 32.53   | ppb   |
| Silver     | 107-1 | 0.03    | 0.03    | 0.03    | 0.03       | 5.48    | ppb   |
| Sodium     | 23-2  | 9047.74 | 9054.70 | 8973.19 | 9025.21    | 0.50    | ppb   |
| Strontium  | 86-1  | 19.18   | 19.59   | 19.12   | 19.30      | 1.34    | ppb   |
| Strontium  | 88-1  | 19.73   | 19.82   | 19.53   | 19.69      | 0.76    | ppb   |
| Sulfur     | 34-1  | 2691.94 | 2778.46 | 2359.51 | 2609.97    | 8.47    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.17    | 0.17    | 0.16    | 0.16       | 3.24    | ppb   |
| Titanium   | 47-1  | 0.41    | 0.39    | 0.49    | 0.43       | 11.77   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.04    | 0.05    | 0.04       | 21.51   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 31.65   | 30.14   | 31.34   | 31.04      | 2.56    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.02    | 0.02       | 10.24   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-06             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-78-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:35:42  | DataFile Name :   | 144SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.01    | 0.02    | 0.03       | 76.69   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-07 Instrumnet Name : P8  
 Client Sample ID : DC20894-79-ROOF-PLG Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:38:50 DataFile Name : 145SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.10   | 20.08   | 14.79   | 15.99      | 22.77   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.07    | 0.07       | 4.19    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.28    | 0.24    | 0.25       | 11.29   | ppb   |
| Barium     | 135-1 | 19.37   | 19.72   | 19.16   | 19.42      | 1.45    | ppb   |
| Barium     | 137-1 | 18.71   | 19.92   | 19.38   | 19.34      | 3.13    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.08   | -0.08   | -0.07      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.45    | 3.21    | 4.20    | 3.95       | 16.57   | ppb   |
| Boron      | 11-1  | 3.24    | 3.63    | 3.96    | 3.61       | 10.07   | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.12   | -0.04   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.61   | -1.29   | -0.21   | -0.70      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.12    | -0.03   | 0.06       | 127.61  | ppb   |
| Calcium    | 43-1  | 4428.59 | 4612.44 | 4646.21 | 4562.41    | 2.57    | ppb   |
| Calcium    | 44-1  | 4579.82 | 4812.57 | 4734.02 | 4708.80    | 2.51    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.01   | 0.11    | 0.02       | 453.43  | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 127.24  | 127.09  | 127.03  | 127.12     | 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  | 40.49   | 41.43   | 40.71   | 40.88      | 1.20    | ppb   |
| Iron       | 57-2  | 39.55   | 45.13   | 49.60   | 44.76      | 11.25   | ppb   |
| Lead       | 206-1 | 1.68    | 1.65    | 1.72    | 1.68       | 2.16    | ppb   |
| Lead       | 207-1 | 1.45    | 1.57    | 1.59    | 1.54       | 5.10    | ppb   |
| Lead       | 208-1 | 1.60    | 1.61    | 1.64    | 1.61       | 1.36    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1004.84 | 1013.87 | 1028.35 | 1015.68    | 1.17    | ppb   |
| Manganese  | 55-2  | 14.05   | 13.26   | 14.13   | 13.81      | 3.49    | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-07 Instrumnet Name : P8  
 Client Sample ID : DC20894-79-ROOF-PLG Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:38:50 DataFile Name : 145SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.02    | 0.01       | 163.76  | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02   | 0.01    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | 0.02    | 0.00       | 492.83  | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.44    | 1.62    | 1.58    | 1.55       | 6.03    | ppb   |
| Phosphorus | 31-2  | 639.48  | 888.36  | 602.24  | 710.03     | 21.91   | ppb   |
| Potassium  | 39-2  | 456.77  | 448.43  | 470.41  | 458.54     | 2.42    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 4.36    | 0.82       | 376.97  | ppb   |
| Selenium   | 78-2  | 0.16    | 0.58    | -1.11   | -0.12      |         | ppb   |
| Selenium   | 82-1  | 0.23    | 0.15    | 0.60    | 0.33       | 74.32   | ppb   |
| Silicon    | 28-1  | 970.20  | 1011.36 | 998.72  | 993.43     | 2.12    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 48.98   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.33    | ppb   |
| Sodium     | 23-2  | 9229.63 | 9122.17 | 9095.86 | 9149.22    | 0.77    | ppb   |
| Strontium  | 86-1  | 18.55   | 19.07   | 18.76   | 18.79      | 1.38    | ppb   |
| Strontium  | 88-1  | 19.02   | 19.72   | 19.31   | 19.35      | 1.80    | ppb   |
| Sulfur     | 34-1  | 2092.56 | 3199.05 | 3237.09 | 2842.90    | 22.87   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.09   | -0.07   | -0.07   | -0.08      |         | ppb   |
| Titanium   | 47-1  | 0.41    | 0.33    | 0.22    | 0.32       | 30.19   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.06    | 0.03    | 0.04       | 68.89   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 104.75  | 102.22  | 103.33  | 103.43     | 1.23    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.02    | 0.02       | 21.73   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-79-ROOF-PLG | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:38:50 | DataFile Name :   | 145SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.04    | 0.03       | 33.55   | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-08 Instrumnet Name : P8  
 Client Sample ID : DC20894-80-ROOF-PLG Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:42:00 DataFile Name : 146SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 26.60   | 21.64   | 11.82   | 20.02      | 37.57   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.06    | 0.06    | 0.06       | 11.69   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.17    | 0.17    | 0.20       | 23.66   | ppb   |
| Barium     | 135-1 | 19.51   | 18.71   | 18.84   | 19.02      | 2.27    | ppb   |
| Barium     | 137-1 | 19.35   | 18.56   | 19.02   | 18.98      | 2.10    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.10   | -0.09   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.13    | 3.79    | 3.08    | 3.33       | 11.83   | ppb   |
| Boron      | 11-1  | 3.52    | 3.60    | 3.65    | 3.59       | 1.86    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.12   | -0.11   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.34   | -1.40   | -1.37   | -1.37      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.03   | -0.14   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 4550.08 | 4415.06 | 4476.95 | 4480.70    | 1.51    | ppb   |
| Calcium    | 44-1  | 4658.70 | 4561.01 | 4642.35 | 4620.69    | 1.13    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Copper     | 63-2  | 122.18  | 117.06  | 117.90  | 119.05     | 2.31    | 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  | 21.55   | 18.78   | 16.36   | 18.90      | 13.74   | ppb   |
| Iron       | 57-2  | 15.75   | 18.32   | 17.50   | 17.19      | 7.65    | ppb   |
| Lead       | 206-1 | 0.64    | 0.59    | 0.55    | 0.59       | 7.57    | ppb   |
| Lead       | 207-1 | 0.48    | 0.47    | 0.53    | 0.49       | 5.95    | ppb   |
| Lead       | 208-1 | 0.55    | 0.53    | 0.53    | 0.54       | 2.11    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1058.86 | 1021.93 | 1029.77 | 1036.85    | 1.88    | ppb   |
| Manganese  | 55-2  | 12.15   | 11.95   | 12.42   | 12.17      | 1.93    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-80-ROOF-PLG | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:42:00 | DataFile Name :   | 146SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.03    | 0.04    | 0.03       | 40.16   | ppb   |
| Molybdenum | 95-1  | -0.02   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.43    | 0.37    | 0.41    | 0.40       | 7.44    | ppb   |
| Phosphorus | 31-2  | 696.79  | 711.54  | 607.37  | 671.90     | 8.39    | ppb   |
| Potassium  | 39-2  | 479.97  | 443.90  | 448.38  | 457.42     | 4.30    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.73    | -0.06      |         | ppb   |
| Selenium   | 78-2  | 0.65    | -0.25   | -0.25   | 0.05       | 1055.50 | ppb   |
| Selenium   | 82-1  | 1.10    | 0.21    | 0.21    | 0.51       | 100.61  | ppb   |
| Silicon    | 28-1  | 1004.46 | 972.16  | 1012.71 | 996.44     | 2.15    | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.01    | 0.01       | 40.20   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.73   | ppb   |
| Sodium     | 23-2  | 9539.59 | 9015.13 | 9068.96 | 9207.89    | 3.13    | ppb   |
| Strontium  | 86-1  | 18.73   | 18.90   | 18.97   | 18.87      | 0.66    | ppb   |
| Strontium  | 88-1  | 19.17   | 19.32   | 18.95   | 19.15      | 0.98    | ppb   |
| Sulfur     | 34-1  | 3062.84 | 2691.41 | 3076.29 | 2943.51    | 7.42    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.50    | 0.38    | 0.29    | 0.39       | 26.14   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.04    | 0.04    | 0.05       | 16.30   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 59.37   | 55.67   | 56.13   | 57.06      | 3.54    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.05    | 0.05    | 0.05       | 9.67    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-80-ROOF-PLG | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:42:00 | DataFile Name :   | 146SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.06    | 0.05    | 0.05       | 31.13   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-09 Instrumnet Name : P8  
 Client Sample ID : DC20894-81-ROOF-BR1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:45:10 DataFile Name : 147SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.88   | 12.72   | 16.62   | 15.07      | 13.76   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.06    | 0.06       | 3.41    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.23    | 0.26    | 0.26       | 11.05   | ppb   |
| Barium     | 135-1 | 18.06   | 17.64   | 17.63   | 17.78      | 1.38    | ppb   |
| Barium     | 137-1 | 17.86   | 17.50   | 18.28   | 17.88      | 2.21    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.66    | 4.75    | 3.33    | 3.91       | 19.08   | ppb   |
| Boron      | 11-1  | 3.42    | 3.49    | 3.61    | 3.51       | 2.71    | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.11   | -0.11   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | 0.01    | -1.40   | -1.31   | -0.90      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.06   | -0.08   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4443.21 | 4382.73 | 4340.51 | 4388.82    | 1.18    | ppb   |
| Calcium    | 44-1  | 4552.28 | 4582.05 | 4530.82 | 4555.05    | 0.56    | ppb   |
| Chromium   | 52-2  | 0.07    | 0.10    | -0.08   | 0.03       | 365.62  | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | 168.93  | 178.51  | 168.19  | 171.88     | 3.35    | 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  | 14.72   | 16.23   | 15.10   | 15.35      | 5.11    | ppb   |
| Iron       | 57-2  | 13.63   | 23.41   | 20.06   | 19.03      | 26.11   | ppb   |
| Lead       | 206-1 | 3.44    | 3.33    | 3.44    | 3.41       | 1.88    | ppb   |
| Lead       | 207-1 | 3.13    | 3.16    | 3.11    | 3.13       | 0.74    | ppb   |
| Lead       | 208-1 | 3.27    | 3.30    | 3.26    | 3.27       | 0.58    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1053.25 | 1091.25 | 1039.99 | 1061.50    | 2.51    | ppb   |
| Manganese  | 55-2  | 9.85    | 10.18   | 9.86    | 9.97       | 1.86    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-81-ROOF-BR1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:45:10 | DataFile Name :   | 147SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 51.69   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.01    | 0.00    | 0.01       | 110.37  | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.04   | 0.00    | -0.02      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | 0.01    | 0.01       | 83.51   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.66    | 0.72    | 0.59    | 0.65       | 9.90    | ppb   |
| Phosphorus | 31-2  | 762.19  | 749.34  | 726.39  | 745.97     | 2.43    | ppb   |
| Potassium  | 39-2  | 451.03  | 507.99  | 479.95  | 479.66     | 5.94    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 0.18    | -0.19   | 0.18    | 0.06       | 380.21  | ppb   |
| Selenium   | 82-1  | -0.49   | 0.34    | 0.48    | 0.11       | 470.83  | ppb   |
| Silicon    | 28-1  | 993.08  | 1004.77 | 981.74  | 993.20     | 1.16    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.01       | 67.59   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.91    | ppb   |
| Sodium     | 23-2  | 9259.85 | 9970.35 | 9238.62 | 9489.61    | 4.39    | ppb   |
| Strontium  | 86-1  | 18.24   | 18.43   | 18.61   | 18.43      | 0.98    | ppb   |
| Strontium  | 88-1  | 18.54   | 18.84   | 18.57   | 18.65      | 0.90    | ppb   |
| Sulfur     | 34-1  | 2231.80 | 2746.58 | 2542.76 | 2507.04    | 10.34   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.17    | 0.17    | 0.10    | 0.15       | 29.16   | ppb   |
| Titanium   | 47-1  | 0.26    | 0.35    | 0.23    | 0.28       | 21.24   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.06    | 0.05    | 0.04       | 59.98   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 112.70  | 119.89  | 117.76  | 116.78     | 3.16    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.03    | 0.02    | 0.02       | 30.72   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-81-ROOF-BR1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:45:10 | DataFile Name :   | 147SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.02    | 0.02       | 53.81   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV04               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:48:19 | DataFile Name :   | 148SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.53    | 1.89    | 3.56    | 3.00       | 32.05   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.01   | -0.05   | -0.04   | -0.03      |         | ppb   |
| Barium     | 137-1 | -0.04   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.68    | 0.38    | 0.82    | 0.63       | 35.27   | ppb   |
| Boron      | 11-1  | 0.88    | 0.78    | 0.51    | 0.72       | 25.90   | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.10   | -0.06   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -1.58   | -0.93   | -0.48   | -0.99      |         | ppb   |
| Cadmium    | 108-1 | -0.14   | -0.05   | -0.08   | -0.09      |         | ppb   |
| Calcium    | 43-1  | 49.79   | 34.99   | 36.97   | 40.58      | 19.81   | ppb   |
| Calcium    | 44-1  | 29.58   | 18.83   | 22.18   | 23.53      | 23.38   | ppb   |
| Chromium   | 52-2  | -0.01   | -0.05   | -0.06   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.07   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.06   | -0.10   | -0.09   | -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  | 0.58    | 0.45    | 0.36    | 0.46       | 24.89   | ppb   |
| Iron       | 57-2  | -0.72   | -1.17   | 2.05    | 0.05       | 3225.68 | ppb   |
| Lead       | 206-1 | 519.80  | 494.48  | 500.27  | 504.85     | 2.63    | ppb   |
| Lead       | 207-1 | 517.75  | 488.10  | 490.14  | 498.66     | 3.32    | ppb   |
| Lead       | 208-1 | 517.70  | 493.64  | 497.46  | 502.93     | 2.57    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.81   | -1.15   | -0.97   | -0.98      |         | ppb   |
| Manganese  | 55-2  | -0.05   | -0.05   | 0.03    | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV04               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:48:19 | DataFile Name :   | 148SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.07   | -0.06   | -0.09   | -0.07      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.16   | -0.14   | -0.15   | -0.15      |         | ppb   |
| Phosphorus | 31-2  | 13.37   | -22.44  | -22.44  | -10.51     |         | ppb   |
| Potassium  | 39-2  | 12.05   | -6.77   | -6.18   | -0.30      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.21   | -0.66   | -0.20   | -0.35      |         | ppb   |
| Selenium   | 82-1  | -0.34   | 0.05    | -0.22   | -0.17      |         | ppb   |
| Silicon    | 28-1  | -10.96  | -15.23  | -15.79  | -13.99     |         | ppb   |
| Silver     | 109-1 | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 237.14  | ppb   |
| Sodium     | 23-2  | -6.64   | -7.09   | -3.68   | -5.81      |         | ppb   |
| Strontium  | 86-1  | -0.01   | 0.03    | 0.03    | 0.02       | 168.90  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 63.33   | ppb   |
| Sulfur     | 34-1  | 3026.22 | 2569.86 | 2567.88 | 2721.32    | 9.70    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.25    | 0.26    | 0.27    | 0.26       | 3.70    | ppb   |
| Titanium   | 47-1  | 0.04    | 0.00    | 0.01    | 0.02       | 139.28  | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.99    | 0.82    | 0.67    | 0.83       | 19.19   | ppb   |
| Zirconium  | 90-1  | 0.01    | -0.01   | 0.00    | 0.00       | 416.79  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV04               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:48:19 | DataFile Name :   | 148SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | -0.01   | 0.00       | 965.54  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB04               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:51:30 | DataFile Name :   | 149SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.23    | 0.24    | 1.94    | 0.80       | 122.14  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.01    | 0.00       | 233.33  | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.08   | -0.09   | -0.07   | -0.08      |         | ppb   |
| Barium     | 137-1 | -0.07   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.49   | -0.24   | 0.01    | -0.24      |         | ppb   |
| Boron      | 11-1  | 0.03    | -0.12   | -0.09   | -0.06      |         | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.11   | -0.11   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -0.57   | -1.15   | -1.17   | -0.97      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | -0.08   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 44.58   | 33.07   | 36.16   | 37.93      | 15.70   | ppb   |
| Calcium    | 44-1  | 16.91   | 13.90   | 10.02   | 13.61      | 25.35   | ppb   |
| Chromium   | 52-2  | -0.02   | 0.04    | -0.14   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.05   | -0.06   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.13   | -0.17   | -0.13   | -0.14      |         | 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  | 0.08    | 0.52    | 0.21    | 0.27       | 82.71   | ppb   |
| Iron       | 57-2  | 0.13    | -0.04   | 0.27    | 0.12       | 126.99  | ppb   |
| Lead       | 206-1 | -0.01   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Lead       | 207-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.35   | -1.31   | -1.79   | -1.15      |         | ppb   |
| Manganese  | 55-2  | -0.11   | -0.07   | -0.08   | -0.09      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB04               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:51:30 | DataFile Name :   | 149SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.08   | -0.08   | -0.09   | -0.08      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.16   | -0.20   | -0.15   | -0.17      |         | ppb   |
| Phosphorus | 31-2  | -10.69  | -22.44  | 26.25   | -2.29      |         | ppb   |
| Potassium  | 39-2  | -2.14   | -9.04   | 6.18    | -1.67      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 4.69    | -0.96   | 4.95    | 2.89       | 115.39  | ppb   |
| Selenium   | 78-2  | -1.11   | -0.66   | -0.64   | -0.80      |         | ppb   |
| Selenium   | 82-1  | 0.17    | 0.51    | 0.39    | 0.36       | 48.38   | ppb   |
| Silicon    | 28-1  | -16.71  | -17.40  | -21.14  | -18.42     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 261.62  | ppb   |
| Sodium     | 23-2  | -6.59   | -11.42  | -6.44   | -8.15      |         | ppb   |
| Strontium  | 86-1  | 0.00    | -0.04   | -0.02   | -0.02      |         | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2426.67 | 2474.08 | 1965.95 | 2288.90    | 12.26   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.05   | -0.04   | -0.06   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.02    | 0.02    | 0.01       | 66.14   | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.17   | -0.20   | -0.31   | -0.23      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB04               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:51:30 | DataFile Name :   | 149SMPL.d |

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

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-10RE Instrumnet Name : P8  
 Client Sample ID : DC20894-46-FL2-HA-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:54:42 DataFile Name : 150SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 42.66   | 43.08   | 39.50   | 41.75      | 4.69    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.06    | 0.06       | 10.87   | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.22    | 0.23    | 0.24       | 9.83    | ppb   |
| Barium     | 135-1 | 18.90   | 19.01   | 19.77   | 19.22      | 2.47    | ppb   |
| Barium     | 137-1 | 19.29   | 18.64   | 19.66   | 19.20      | 2.69    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.09   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.27    | 3.17    | 3.63    | 3.36       | 7.28    | ppb   |
| Boron      | 11-1  | 3.85    | 3.62    | 3.82    | 3.76       | 3.38    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.09   | -0.20   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -0.64   | -0.98   | -2.41   | -1.34      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | -0.09   | 0.00    | -0.06      |         | ppb   |
| Calcium    | 43-1  | 4465.08 | 4393.78 | 4376.59 | 4411.82    | 1.06    | ppb   |
| Calcium    | 44-1  | 4414.19 | 4434.54 | 4464.14 | 4437.62    | 0.57    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.07   | -0.10   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Copper     | 63-2  | 111.33  | 109.09  | 108.41  | 109.61     | 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  | 17.64   | 18.09   | 17.29   | 17.67      | 2.28    | ppb   |
| Iron       | 57-2  | 14.87   | 15.14   | 21.85   | 17.29      | 22.90   | ppb   |
| Lead       | 206-1 | 0.63    | 0.66    | 0.64    | 0.65       | 2.47    | ppb   |
| Lead       | 207-1 | 0.66    | 0.59    | 0.55    | 0.60       | 9.30    | ppb   |
| Lead       | 208-1 | 0.62    | 0.61    | 0.60    | 0.61       | 2.16    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1028.48 | 1026.44 | 1022.27 | 1025.73    | 0.31    | ppb   |
| Manganese  | 55-2  | 11.66   | 11.30   | 11.24   | 11.40      | 1.98    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-10RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-46-FL2-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:54:42  | DataFile Name :   | 150SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.01    | 0.00       | 80.52   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.07   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.17    | 0.16    | 0.22    | 0.18       | 16.34   | ppb   |
| Phosphorus | 31-2  | 649.98  | 644.51  | 659.86  | 651.45     | 1.19    | ppb   |
| Potassium  | 39-2  | 454.97  | 468.03  | 440.58  | 454.52     | 3.02    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 0.19    | 1.04    | 0.17    | 0.47       | 106.56  | ppb   |
| Selenium   | 82-1  | 0.39    | -0.07   | 0.70    | 0.34       | 114.73  | ppb   |
| Silicon    | 28-1  | 983.85  | 959.34  | 981.11  | 974.77     | 1.38    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 68.25   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 86.07   | ppb   |
| Sodium     | 23-2  | 9149.83 | 9146.47 | 9237.41 | 9177.90    | 0.56    | ppb   |
| Strontium  | 86-1  | 19.53   | 18.69   | 18.49   | 18.90      | 2.93    | ppb   |
| Strontium  | 88-1  | 19.27   | 18.90   | 18.69   | 18.95      | 1.53    | ppb   |
| Sulfur     | 34-1  | 2569.45 | 2472.34 | 3143.86 | 2728.55    | 13.30   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.05   | -0.02   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Titanium   | 47-1  | 0.40    | 0.31    | 0.31    | 0.34       | 13.94   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.04    | 0.02    | 0.02       | 63.39   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 36.03   | 35.34   | 35.65   | 35.67      | 0.96    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.06    | 0.03       | 65.94   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-10RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-46-FL2-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:54:42  | DataFile Name :   | 150SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.00    | 0.01       | 68.25   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-11RE Instrumnet Name : P8  
 Client Sample ID : DC20894-47-FL2-BRA-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:57:53 DataFile Name : 151SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 38.97   | 25.53   | 20.61   | 28.37      | 33.51   | ppb   |
| Antimony   | 121-1 | 0.13    | 0.10    | 0.11    | 0.11       | 10.20   | ppb   |
| Arsenic    | 75-2  | 0.37    | 0.23    | 0.29    | 0.30       | 24.91   | ppb   |
| Barium     | 135-1 | 18.52   | 17.82   | 17.76   | 18.04      | 2.34    | ppb   |
| Barium     | 137-1 | 18.49   | 18.17   | 17.72   | 18.13      | 2.16    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.10   | -0.08   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.11    | 3.83    | 4.00    | 3.65       | 12.96   | ppb   |
| Boron      | 11-1  | 3.30    | 3.61    | 3.65    | 3.52       | 5.49    | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.08   | -0.11   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.32   | -1.63   | -1.91   | -1.62      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.05    | 0.00    | 0.01       | 214.80  | ppb   |
| Calcium    | 43-1  | 4343.99 | 4419.16 | 4321.48 | 4361.54    | 1.17    | ppb   |
| Calcium    | 44-1  | 4474.16 | 4556.78 | 4480.17 | 4503.70    | 1.02    | ppb   |
| Chromium   | 52-2  | 0.49    | 0.42    | 0.42    | 0.44       | 9.13    | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Copper     | 63-2  | 236.88  | 232.95  | 237.12  | 235.65     | 0.99    | 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  | 22.67   | 31.36   | 23.46   | 25.83      | 18.59   | ppb   |
| Iron       | 57-2  | 23.72   | 21.97   | 22.75   | 22.81      | 3.85    | ppb   |
| Lead       | 206-1 | 14.42   | 14.30   | 14.16   | 14.29      | 0.91    | ppb   |
| Lead       | 207-1 | 13.66   | 13.35   | 13.33   | 13.45      | 1.36    | ppb   |
| Lead       | 208-1 | 14.27   | 14.01   | 13.89   | 14.06      | 1.39    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1005.09 | 1000.25 | 1026.54 | 1010.62    | 1.38    | ppb   |
| Manganese  | 55-2  | 13.07   | 13.46   | 13.36   | 13.30      | 1.54    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-11RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-47-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:57:53  | DataFile Name :   | 151SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.00    | 0.01       | 137.75  | ppb   |
| Molybdenum | 95-1  | 0.01    | -0.01   | 0.01    | 0.00       | 251.39  | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.00    | 0.01       | 88.06   | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.00    | 0.04    | 0.02       | 101.56  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.49    | 1.48    | 1.30    | 1.42       | 7.63    | ppb   |
| Phosphorus | 31-2  | 585.20  | 601.58  | 683.60  | 623.46     | 8.46    | ppb   |
| Potassium  | 39-2  | 474.33  | 452.76  | 472.69  | 466.60     | 2.57    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 4.37    | -0.96   | 0.82       | 376.06  | ppb   |
| Selenium   | 78-2  | -0.69   | 0.17    | 1.02    | 0.17       | 511.02  | ppb   |
| Selenium   | 82-1  | 0.01    | 1.10    | 0.26    | 0.46       | 125.57  | ppb   |
| Silicon    | 28-1  | 1399.47 | 982.45  | 1119.05 | 1166.99    | 18.22   | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 170.30  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 28.63   | ppb   |
| Sodium     | 23-2  | 9338.65 | 9094.01 | 9336.55 | 9256.40    | 1.52    | ppb   |
| Strontium  | 86-1  | 18.37   | 18.18   | 18.11   | 18.22      | 0.74    | ppb   |
| Strontium  | 88-1  | 18.84   | 18.56   | 18.63   | 18.68      | 0.79    | ppb   |
| Sulfur     | 34-1  | 2352.90 | 2428.71 | 2432.16 | 2404.59    | 1.86    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | 0.54    | 0.52    | 0.52    | 0.53       | 2.25    | ppb   |
| Titanium   | 47-1  | 0.29    | 0.38    | 0.27    | 0.32       | 18.92   | ppb   |
| Uranium    | 238-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.09    | 0.10    | 0.06    | 0.08       | 24.58   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 177.80  | 178.64  | 180.61  | 179.02     | 0.80    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.03    | 0.02       | 12.53   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-11RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-47-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:57:53  | DataFile Name :   | 151SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.11    | 0.05    | 0.06       | 81.53   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-12RE Instrumnet Name : P8  
 Client Sample ID : DC20894-48-FL2-BRA-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 20:01:02 DataFile Name : 152SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.17   | 28.71   | 16.90   | 19.92      | 38.79   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.06    | 0.05    | 0.06       | 19.68   | ppb   |
| Arsenic    | 75-2  | 0.40    | 0.30    | 0.20    | 0.30       | 32.63   | ppb   |
| Barium     | 135-1 | 17.88   | 17.44   | 17.20   | 17.50      | 1.97    | ppb   |
| Barium     | 137-1 | 17.93   | 17.89   | 17.72   | 17.85      | 0.63    | ppb   |
| Beryllium  | 9-1   | -0.09   | -0.09   | -0.08   | -0.09      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.60    | 3.20    | 3.50    | 3.43       | 5.94    | ppb   |
| Boron      | 11-1  | 3.19    | 3.46    | 3.81    | 3.49       | 8.91    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.07   | -0.05   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.50   | -0.71   | -0.34   | -0.52      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | 0.02    | -0.08   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 4376.61 | 4432.31 | 4380.63 | 4396.52    | 0.71    | ppb   |
| Calcium    | 44-1  | 4507.82 | 4473.90 | 4593.70 | 4525.14    | 1.36    | ppb   |
| Chromium   | 52-2  | -0.12   | 0.01    | -0.05   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Copper     | 63-2  | 137.44  | 128.31  | 126.50  | 130.75     | 4.49    | 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  | 17.82   | 16.25   | 19.62   | 17.90      | 9.44    | ppb   |
| Iron       | 57-2  | 18.05   | 18.23   | 14.14   | 16.81      | 13.74   | ppb   |
| Lead       | 206-1 | 0.97    | 0.88    | 0.95    | 0.94       | 4.98    | ppb   |
| Lead       | 207-1 | 0.95    | 0.86    | 0.85    | 0.89       | 6.59    | ppb   |
| Lead       | 208-1 | 0.97    | 0.88    | 0.90    | 0.92       | 5.16    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1125.09 | 1033.09 | 997.27  | 1051.82    | 6.27    | ppb   |
| Manganese  | 55-2  | 13.71   | 12.78   | 13.00   | 13.16      | 3.68    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-12RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-48-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:01:02  | DataFile Name :   | 152SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.01    | 0.01    | 0.01       | 71.65   | ppb   |
| Molybdenum | 95-1  | 0.00     | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01     | -0.01   | 0.01    | 0.00       | 368.33  | ppb   |
| Molybdenum | 97-1  | -0.05    | -0.04   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.34     | 0.31    | 0.22    | 0.29       | 21.41   | ppb   |
| Phosphorus | 31-2  | 904.99   | 749.29  | 771.46  | 808.58     | 10.42   | ppb   |
| Potassium  | 39-2  | 495.28   | 450.39  | 467.60  | 471.09     | 4.81    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96    | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 0.69     | -1.11   | 0.16    | -0.09      |         | ppb   |
| Selenium   | 82-1  | 0.30     | 0.37    | 0.59    | 0.42       | 35.28   | ppb   |
| Silicon    | 28-1  | 991.34   | 998.27  | 992.87  | 994.16     | 0.37    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00    | 0.00    | 0.00       | 4.61    | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.01    | 0.01       | 21.54   | ppb   |
| Sodium     | 23-2  | 10098.74 | 9217.96 | 9212.50 | 9509.73    | 5.36    | ppb   |
| Strontium  | 86-1  | 18.51    | 18.32   | 18.54   | 18.46      | 0.64    | ppb   |
| Strontium  | 88-1  | 18.96    | 18.51   | 18.73   | 18.73      | 1.21    | ppb   |
| Sulfur     | 34-1  | 2642.32  | 2279.32 | 2870.71 | 2597.45    | 11.48   | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03    | -0.04   | -0.04   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.03    | -0.03   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.09    | -0.07   | -0.07   | -0.07      |         | ppb   |
| Titanium   | 47-1  | 0.31     | 0.27    | 0.24    | 0.27       | 13.53   | ppb   |
| Uranium    | 238-1 | -0.05    | -0.04   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.00    | 0.02    | 0.01       | 83.97   | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 65.88    | 62.01   | 59.96   | 62.62      | 4.80    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02    | 0.01    | 0.02       | 43.80   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-12RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-48-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:01:02  | DataFile Name :   | 152SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.01    | 0.02       | 74.78   | ppb   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-13RE Instrumnet Name : P8  
 Client Sample ID : DC20894-49-FL2-CL6-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 20:04:12 DataFile Name : 153SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 35.77   | 35.84   | 41.07   | 37.56      | 8.09    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.07    | 0.06       | 9.99    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.30    | 0.26    | 0.26       | 16.51   | ppb   |
| Barium     | 135-1 | 19.44   | 19.07   | 19.19   | 19.24      | 0.99    | ppb   |
| Barium     | 137-1 | 19.57   | 19.15   | 19.45   | 19.39      | 1.11    | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.08   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.35    | 3.39    | 4.07    | 3.60       | 11.32   | ppb   |
| Boron      | 11-1  | 3.77    | 3.66    | 3.86    | 3.76       | 2.66    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.02   | -0.05   | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.21    | -0.13   | -0.56   | -0.16      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 4431.12 | 4422.79 | 4371.86 | 4408.59    | 0.73    | ppb   |
| Calcium    | 44-1  | 4627.19 | 4514.87 | 4527.64 | 4556.56    | 1.35    | ppb   |
| Chromium   | 52-2  | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Copper     | 63-2  | 137.50  | 140.22  | 138.49  | 138.74     | 0.99    | 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  | 15.32   | 16.60   | 16.95   | 16.29      | 5.25    | ppb   |
| Iron       | 57-2  | 16.59   | 17.28   | 15.91   | 16.59      | 4.15    | ppb   |
| Lead       | 206-1 | 2.45    | 2.28    | 2.35    | 2.36       | 3.52    | ppb   |
| Lead       | 207-1 | 2.19    | 2.17    | 2.09    | 2.15       | 2.54    | ppb   |
| Lead       | 208-1 | 2.28    | 2.23    | 2.23    | 2.25       | 1.23    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1022.81 | 1017.94 | 1019.63 | 1020.12    | 0.24    | ppb   |
| Manganese  | 55-2  | 10.86   | 10.93   | 10.41   | 10.73      | 2.63    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-13RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-49-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:04:12  | DataFile Name :   | 153SMPL.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  | -0.02   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.02    | 0.01       | 134.22  | ppb   |
| Molybdenum | 97-1  | -0.06   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.90    | 3.02    | 2.89    | 2.94       | 2.48    | ppb   |
| Phosphorus | 31-2  | 592.94  | 663.55  | 682.66  | 646.39     | 7.31    | ppb   |
| Potassium  | 39-2  | 444.75  | 454.85  | 457.78  | 452.46     | 1.51    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | 0.60    | -0.26   | -0.26   | 0.02       | 1992.84 | ppb   |
| Selenium   | 82-1  | 0.60    | -0.08   | 0.29    | 0.27       | 126.08  | ppb   |
| Silicon    | 28-1  | 1004.50 | 976.37  | 973.28  | 984.72     | 1.75    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 159.98  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 13.53   | ppb   |
| Sodium     | 23-2  | 9094.73 | 9235.88 | 9133.19 | 9154.60    | 0.80    | ppb   |
| Strontium  | 86-1  | 18.41   | 18.49   | 18.97   | 18.63      | 1.63    | ppb   |
| Strontium  | 88-1  | 19.26   | 19.09   | 18.82   | 19.05      | 1.18    | ppb   |
| Sulfur     | 34-1  | 2574.88 | 2589.39 | 2537.30 | 2567.19    | 1.05    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.03   | 0.00    | -0.04   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.62    | 0.28    | 0.22    | 0.37       | 56.99   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.03    | 0.01    | 0.02       | 60.43   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 244.41  | 247.63  | 248.46  | 246.83     | 0.87    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.01    | 0.02       | 27.39   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-13RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-49-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:04:12  | DataFile Name :   | 153SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.04    | 0.03       | 51.58   | ppb   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-14RE Instrumnet Name : P8  
 Client Sample ID : DC20894-50-FL2-CL6-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 20:07:21 DataFile Name : 154SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 66.67   | 62.68   | 63.80   | 64.38      | 3.19    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.05    | 0.06       | 6.30    | ppb   |
| Arsenic    | 75-2  | 0.11    | 0.27    | 0.29    | 0.22       | 44.05   | ppb   |
| Barium     | 135-1 | 19.57   | 20.62   | 19.60   | 19.93      | 3.02    | ppb   |
| Barium     | 137-1 | 19.64   | 19.83   | 19.55   | 19.68      | 0.74    | ppb   |
| Beryllium  | 9-1   | -0.07   | -0.07   | -0.09   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.17    | 3.70    | 4.57    | 3.81       | 18.58   | ppb   |
| Boron      | 11-1  | 3.78    | 3.68    | 4.07    | 3.84       | 5.28    | ppb   |
| Cadmium    | 111-1 | -0.08   | -0.16   | -0.11   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -0.78   | -1.98   | -1.21   | -1.32      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.06   | -0.11   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 4299.65 | 4355.40 | 4360.81 | 4338.62    | 0.78    | ppb   |
| Calcium    | 44-1  | 4469.57 | 4457.31 | 4484.80 | 4470.56    | 0.31    | ppb   |
| Chromium   | 52-2  | -0.02   | 0.01    | -0.05   | -0.02      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Copper     | 63-2  | 93.21   | 95.48   | 96.92   | 95.20      | 1.96    | 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  | 19.22   | 19.31   | 20.22   | 19.58      | 2.84    | ppb   |
| Iron       | 57-2  | 14.25   | 15.73   | 16.73   | 15.57      | 8.02    | ppb   |
| Lead       | 206-1 | 0.70    | 0.66    | 0.67    | 0.68       | 3.47    | ppb   |
| Lead       | 207-1 | 0.62    | 0.57    | 0.58    | 0.59       | 4.51    | ppb   |
| Lead       | 208-1 | 0.65    | 0.63    | 0.61    | 0.63       | 3.10    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1011.82 | 1039.59 | 1057.78 | 1036.40    | 2.23    | ppb   |
| Manganese  | 55-2  | 11.20   | 11.16   | 11.36   | 11.24      | 0.95    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-14RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-50-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:07:21  | DataFile Name :   | 154SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | -0.01   | 0.01    | 0.00       | 306.60  | ppb   |
| Molybdenum | 95-1  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.02    | 0.01    | 0.01       | 200.91  | ppb   |
| Molybdenum | 97-1  | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.00    | 0.00       | 124.97  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.25    | 0.30    | 0.30    | 0.28       | 10.73   | ppb   |
| Phosphorus | 31-2  | 665.13  | 748.34  | 715.76  | 709.74     | 5.91    | ppb   |
| Potassium  | 39-2  | 437.26  | 483.96  | 456.08  | 459.10     | 5.12    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | 1.73    | -0.06      |         | ppb   |
| Selenium   | 78-2  | -0.68   | -0.68   | -0.25   | -0.54      |         | ppb   |
| Selenium   | 82-1  | 0.14    | 0.04    | 0.00    | 0.06       | 121.29  | ppb   |
| Silicon    | 28-1  | 991.10  | 986.68  | 1003.77 | 993.85     | 0.89    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 121.06  | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.01       | 104.35  | ppb   |
| Sodium     | 23-2  | 9138.67 | 9215.49 | 9465.47 | 9273.21    | 1.84    | ppb   |
| Strontium  | 86-1  | 18.94   | 19.13   | 18.92   | 19.00      | 0.63    | ppb   |
| Strontium  | 88-1  | 19.26   | 19.28   | 19.33   | 19.29      | 0.20    | ppb   |
| Sulfur     | 34-1  | 2541.21 | 2662.03 | 2706.36 | 2636.54    | 3.24    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.03   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Thallium   | 205-1 | -0.04   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.34    | 0.49    | 0.28    | 0.37       | 28.79   | ppb   |
| Uranium    | 238-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.03    | 0.05    | 0.04       | 18.59   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 37.36   | 39.18   | 38.73   | 38.42      | 2.47    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.03    | 0.02       | 18.11   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-14RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-50-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:07:21  | DataFile Name :   | 154SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.01    | 0.02       | 49.01   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV05               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:10:30 | DataFile Name :   | 155SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.25    | 4.38    | 1.09    | 1.91       | 114.65  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.06   | -0.03   | -0.06   | -0.05      |         | ppb   |
| Barium     | 137-1 | -0.07   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Beryllium  | 9-1   | -0.08   | -0.07   | -0.09   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.29    | 0.55    | 0.62    | 0.49       | 35.97   | ppb   |
| Boron      | 11-1  | 0.60    | 0.59    | 0.36    | 0.52       | 26.80   | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.09   | -0.13   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.00   | -0.99   | -1.45   | -1.15      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 37.02   | 27.63   | 18.34   | 27.66      | 33.76   | ppb   |
| Calcium    | 44-1  | 15.01   | 18.53   | 18.25   | 17.26      | 11.35   | ppb   |
| Chromium   | 52-2  | -0.03   | -0.03   | 0.04    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Copper     | 63-2  | -0.11   | -0.10   | -0.15   | -0.12      |         | 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  | 0.08    | 0.11    | 0.22    | 0.14       | 50.67   | ppb   |
| Iron       | 57-2  | -0.24   | -1.16   | -0.68   | -0.69      |         | ppb   |
| Lead       | 206-1 | 490.78  | 491.10  | 491.54  | 491.14     | 0.08    | ppb   |
| Lead       | 207-1 | 490.19  | 494.35  | 486.60  | 490.38     | 0.79    | ppb   |
| Lead       | 208-1 | 493.15  | 496.40  | 486.07  | 491.87     | 1.07    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.20    | -2.14   | -0.12   | -0.69      |         | ppb   |
| Manganese  | 55-2  | -0.10   | -0.06   | -0.06   | -0.07      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV05               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:10:30 | DataFile Name :   | 155SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.08   | -0.07   | -0.06   | -0.07      |         | ppb   |
| Molybdenum | 98-1  | -0.03   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.16   | -0.13   | -0.14   | -0.14      |         | ppb   |
| Phosphorus | 31-2  | -10.43  | -10.44  | 13.84   | -2.35      |         | ppb   |
| Potassium  | 39-2  | 3.23    | -7.44   | -0.20   | -1.47      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | 1.88    | -0.96   | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.20   | -0.66   | -1.11   | -0.66      |         | ppb   |
| Selenium   | 82-1  | 0.09    | -0.28   | -0.07   | -0.08      |         | ppb   |
| Silicon    | 28-1  | -18.73  | -18.79  | -18.24  | -18.59     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | -4.36   | -3.46   | -5.54   | -4.45      |         | ppb   |
| Strontium  | 86-1  | -0.05   | 0.00    | -0.01   | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2328.02 | 2329.99 | 2628.93 | 2428.98    | 7.13    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Tin        | 118-1 | 0.27    | 0.31    | 0.22    | 0.27       | 17.36   | ppb   |
| Titanium   | 47-1  | 0.00    | 0.05    | -0.01   | 0.01       | 238.19  | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.00    | -0.17   | -0.06   | -0.08      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV05               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:10:30 | DataFile Name :   | 155SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.00    | 0.00       | 44.51   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB05               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:13:41 | DataFile Name :   | 156SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.23    | 1.86    | 2.74    | 3.28       | 53.22   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 665.42  | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.10   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Barium     | 137-1 | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.08   | -0.09   | -0.08      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.03   | 0.15    | 0.09    | 0.07       | 128.71  | ppb   |
| Boron      | 11-1  | -0.22   | -0.02   | -0.09   | -0.11      |         | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.08   | -0.11   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -1.56   | -0.84   | -1.00   | -1.13      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | 0.01    | -0.05   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 30.25   | 38.81   | 24.48   | 31.18      | 23.13   | ppb   |
| Calcium    | 44-1  | 14.51   | 12.89   | 8.84    | 12.08      | 24.16   | ppb   |
| Chromium   | 52-2  | 0.02    | -0.05   | 0.00    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | -0.06   | -0.07   | -0.08   | -0.07      |         | ppb   |
| Copper     | 63-2  | -0.14   | -0.12   | -0.15   | -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  | 0.08    | 0.05    | -0.04   | 0.03       | 199.05  | ppb   |
| Iron       | 57-2  | 2.29    | -1.65   | -0.46   | 0.06       | 3332.95 | ppb   |
| Lead       | 206-1 | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Lead       | 207-1 | -0.04   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -1.30   | -0.67   | -1.63   | -1.20      |         | ppb   |
| Manganese  | 55-2  | -0.06   | -0.07   | -0.01   | -0.05      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB05               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:13:41 | DataFile Name :   | 156SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 95-1  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 96-1  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 97-1  | -0.07   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Molybdenum | 98-1  | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.15   | -0.17   | -0.18   | -0.17      |         | ppb   |
| Phosphorus | 31-2  | 25.70   | 24.84   | -22.44  | 9.37       | 294.13  | ppb   |
| Potassium  | 39-2  | -9.15   | -9.01   | -1.01   | -6.39      |         | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.96   | -0.96   | -0.96   | -0.96      |         | ppb   |
| Selenium   | 78-2  | -0.65   | -0.18   | 1.18    | 0.12       | 798.28  | ppb   |
| Selenium   | 82-1  | 0.26    | -0.21   | -0.41   | -0.12      |         | ppb   |
| Silicon    | 28-1  | -18.44  | -19.90  | -20.63  | -19.66     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 126.28  | ppb   |
| Sodium     | 23-2  | -8.28   | -7.59   | -6.87   | -7.58      |         | ppb   |
| Strontium  | 86-1  | -0.03   | -0.02   | 0.04    | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 2815.04 | 2757.81 | 2450.60 | 2674.48    | 7.33    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Thallium   | 205-1 | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Titanium   | 47-1  | -0.05   | 0.02    | 0.01    | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.24   | -0.41   | -0.45   | -0.37      |         | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB05               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:13:41 | DataFile Name :   | 156SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.01    | 0.00    | 0.00       | 392.51  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:07:15 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Antimony   | 121-1 | 17      | 50      | 50      | 39      | 49.48  | cps   |
| Arsenic    | 75-2  | 7       | 7       | 9       | 8       | 13.31  | cps   |
| Barium     | 135-1 | 192     | 167     | 150     | 169     | 12.38  | cps   |
| Barium     | 137-1 | 275     | 267     | 250     | 264     | 4.82   | cps   |
| Beryllium  | 9-1   | 206     | 206     | 150     | 187     | 17.15  | cps   |
| Bismuth    | 209-1 | 2638060 | 2589705 | 2582678 | 2603481 | 1.16   | cps   |
| Bismuth    | 209-2 | 1135754 | 1072174 | 1133473 | 1113800 | 3.24   | cps   |
| Boron      | 10-1  | 342     | 400     | 383     | 375     | 8.01   | cps   |
| Boron      | 11-1  | 1358    | 1775    | 1825    | 1653    | 15.50  | cps   |
| Cadmium    | 111-1 | 1211    | 1134    | 1004    | 1117    | 9.37   | cps   |
| Cadmium    | 106-1 | 1642    | 1534    | 1358    | 1511    | 9.46   | cps   |
| Cadmium    | 108-1 | 13      | 21      | 25      | 19      | 32.73  | cps   |
| Calcium    | 43-1  | 4826    | 4301    | 4384    | 4504    | 6.27   | cps   |
| Calcium    | 44-1  | 78402   | 78562   | 77774   | 78246   | 0.53   | cps   |
| Chromium   | 52-2  | 990     | 1003    | 1047    | 1013    | 2.92   | cps   |
| Cobalt     | 59-2  | 230     | 243     | 220     | 231     | 5.06   | cps   |
| Copper     | 63-2  | 657     | 727     | 783     | 722     | 8.79   | cps   |
| Dysprosium | 156-1 | 33      | 42      | 17      | 31      | 41.66  | cps   |
| Dysprosium | 156-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 25      | 25      | 8       | 19      | 49.50  | cps   |
| Erbium     | 164-2 | 10      | 3       | 7       | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 67      | 42      | 33      | 47      | 36.74  | cps   |
| Gadolinium | 160-2 | 7       | 20      | 7       | 11      | 69.25  | cps   |
| Holmium    | 165-1 | 4534120 | 4474089 | 4545804 | 4518004 | 0.85   | cps   |
| Holmium    | 165-2 | 1506920 | 1430083 | 1495877 | 1477627 | 2.81   | cps   |
| Indium     | 115-1 | 4628414 | 4621513 | 4689151 | 4646359 | 0.80   | cps   |
| Indium     | 115-2 | 303615  | 291095  | 307901  | 300870  | 2.90   | cps   |
| Iron       | 56-2  | 3006    | 2939    | 3250    | 3065    | 5.35   | cps   |
| Iron       | 57-2  | 67      | 122     | 83      | 91      | 31.42  | cps   |
| Lead       | 206-1 | 567     | 533     | 528     | 543     | 3.88   | cps   |
| Lead       | 207-1 | 583     | 561     | 522     | 556     | 5.57   | cps   |
| Lead       | 208-1 | 2389    | 2400    | 2289    | 2359    | 2.59   | cps   |
| Lithium    | 6-1   | 883612  | 886555  | 887725  | 885964  | 0.24   | cps   |
| Magnesium  | 24-2  | 175     | 108     | 100     | 128     | 32.17  | cps   |
| Manganese  | 55-2  | 93      | 83      | 77      | 84      | 9.94   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:07:15 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 308     | 275     | 258     | 281     | 9.07   | cps   |
| Molybdenum | 95-1  | 225     | 167     | 142     | 178     | 24.05  | cps   |
| Molybdenum | 96-1  | 150     | 275     | 233     | 219     | 29.00  | cps   |
| Molybdenum | 97-1  | 242     | 342     | 192     | 258     | 29.57  | cps   |
| Molybdenum | 98-1  | 183     | 292     | 283     | 253     | 23.85  | cps   |
| Neodymium  | 150-1 | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 223     | 180     | 173     | 192     | 14.12  | cps   |
| Phosphorus | 31-2  | 0       | 8       | 25      | 11      | 114.58 | cps   |
| Potassium  | 39-2  | 4284    | 4659    | 4476    | 4473    | 4.19   | cps   |
| Rhodium    | 103-1 | 4573801 | 4547551 | 4562877 | 4561410 | 0.29   | cps   |
| Rhodium    | 103-2 | 1579436 | 1459016 | 1559226 | 1532559 | 4.21   | cps   |
| Scandium   | 45-1  | 3413761 | 3370512 | 3369640 | 3384638 | 0.75   | cps   |
| Scandium   | 45-2  | 35084   | 32805   | 34656   | 34182   | 3.54   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 2       | 11      | 0       | 4       | 137.79 | cps   |
| Selenium   | 82-1  | -27     | -92     | -22     | -47     | -82.48 | cps   |
| Silicon    | 28-1  | 606824  | 599702  | 603358  | 603295  | 0.59   | cps   |
| Silver     | 109-1 | 83      | 83      | 50      | 72      | 26.65  | cps   |
| Silver     | 107-1 | 58      | 92      | 33      | 61      | 47.88  | cps   |
| Sodium     | 23-2  | 8219    | 8319    | 8486    | 8342    | 1.62   | cps   |
| Strontium  | 86-1  | 1292    | 1275    | 1550    | 1372    | 11.24  | cps   |
| Strontium  | 88-1  | 250     | 283     | 250     | 261     | 7.37   | cps   |
| Sulfur     | 34-1  | 473741  | 466548  | 468482  | 469591  | 0.79   | cps   |
| Terbium    | 159-1 | 4907605 | 4850990 | 4878446 | 4879014 | 0.58   | cps   |
| Terbium    | 159-2 | 1498966 | 1425784 | 1504168 | 1476306 | 2.97   | cps   |
| Thallium   | 203-1 | 258     | 425     | 325     | 336     | 24.96  | cps   |
| Thallium   | 205-1 | 750     | 700     | 633     | 694     | 8.43   | cps   |
| Tin        | 118-1 | 900     | 808     | 842     | 850     | 5.46   | cps   |
| Titanium   | 47-1  | 192     | 242     | 175     | 203     | 17.11  | cps   |
| Uranium    | 238-1 | 958     | 842     | 975     | 925     | 7.85   | cps   |
| Vanadium   | 51-2  | 47      | 23      | 47      | 39      | 34.65  | cps   |
| Yttrium    | 89-1  | 5258631 | 5253435 | 5359708 | 5290591 | 1.13   | cps   |
| Yttrium    | 89-2  | 228398  | 220470  | 229196  | 226021  | 2.13   | cps   |
| Zinc       | 66-2  | 90      | 100     | 130     | 107     | 19.52  | cps   |
| Zirconium  | 90-1  | 283     | 442     | 450     | 392     | 23.98  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:07:15 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 75   | 50   | 67      | 21.65  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:14:00 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 258     | 175     | 142     | 192     | 31.35  | cps   |
| Antimony   | 121-1 | 16327   | 16244   | 17170   | 16580   | 3.09   | cps   |
| Arsenic    | 75-2  | 146     | 181     | 169     | 165     | 10.75  | cps   |
| Barium     | 135-1 | 16386   | 15635   | 15902   | 15974   | 2.38   | cps   |
| Barium     | 137-1 | 28774   | 27471   | 27955   | 28067   | 2.35   | cps   |
| Beryllium  | 9-1   | 1739    | 1717    | 1695    | 1717    | 1.29   | cps   |
| Bismuth    | 209-1 | 2609489 | 2555385 | 2594089 | 2586321 | 1.08   | cps   |
| Bismuth    | 209-2 | 1132909 | 1129142 | 1130407 | 1130819 | 0.17   | cps   |
| Boron      | 10-1  | 4859    | 5034    | 5109    | 5001    | 2.57   | cps   |
| Boron      | 11-1  | 23170   | 22811   | 23261   | 23080   | 1.03   | cps   |
| Cadmium    | 111-1 | 2872    | 3125    | 3108    | 3035    | 4.67   | cps   |
| Cadmium    | 106-1 | 1659    | 1759    | 1642    | 1686    | 3.74   | cps   |
| Cadmium    | 108-1 | 146     | 146     | 154     | 149     | 3.24   | cps   |
| Calcium    | 43-1  | 15442   | 16219   | 15342   | 15668   | 3.06   | cps   |
| Calcium    | 44-1  | 271802  | 268276  | 266367  | 268815  | 1.03   | cps   |
| Chromium   | 52-2  | 3717    | 3440    | 3470    | 3543    | 4.29   | cps   |
| Cobalt     | 59-2  | 2674    | 2787    | 2744    | 2735    | 2.09   | cps   |
| Copper     | 63-2  | 6045    | 5805    | 6011    | 5954    | 2.18   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 42      | 8       | 25      | 25      | 66.68  | cps   |
| Erbium     | 164-2 | 7       | 13      | 0       | 7       | 99.98  | cps   |
| Gadolinium | 160-1 | 58      | 42      | 92      | 64      | 39.85  | cps   |
| Gadolinium | 160-2 | 17      | 23      | 7       | 16      | 53.90  | cps   |
| Holmium    | 165-1 | 4634261 | 4577949 | 4658907 | 4623706 | 0.90   | cps   |
| Holmium    | 165-2 | 1522535 | 1532666 | 1515729 | 1523643 | 0.56   | cps   |
| Indium     | 115-1 | 4659188 | 4697374 | 4741820 | 4699461 | 0.88   | cps   |
| Indium     | 115-2 | 307212  | 309363  | 310912  | 309162  | 0.60   | cps   |
| Iron       | 56-2  | 46561   | 44159   | 44549   | 45090   | 2.86   | cps   |
| Iron       | 57-2  | 1161    | 1117    | 1145    | 1141    | 1.97   | cps   |
| Lead       | 206-1 | 4701    | 4790    | 4423    | 4638    | 4.13   | cps   |
| Lead       | 207-1 | 4173    | 4117    | 4557    | 4282    | 5.58   | cps   |
| Lead       | 208-1 | 18767   | 18817   | 19156   | 18914   | 1.12   | cps   |
| Lithium    | 6-1   | 887974  | 889009  | 909506  | 895496  | 1.36   | cps   |
| Magnesium  | 24-2  | 21567   | 21458   | 21050   | 21358   | 1.28   | cps   |
| Manganese  | 55-2  | 413     | 517     | 467     | 466     | 11.10  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:14:00 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 16411   | 15626   | 15685   | 15907   | 2.75   | cps   |
| Molybdenum | 95-1  | 19206   | 19456   | 18981   | 19214   | 1.24   | cps   |
| Molybdenum | 96-1  | 21376   | 21651   | 21560   | 21529   | 0.65   | cps   |
| Molybdenum | 97-1  | 11889   | 11872   | 11889   | 11883   | 0.08   | cps   |
| Molybdenum | 98-1  | 30678   | 30360   | 31463   | 30833   | 1.84   | cps   |
| Neodymium  | 150-1 | 7       | 40      | 7       | 18      | 108.23 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 1513    | 1400    | 1493    | 1469    | 4.12   | cps   |
| Phosphorus | 31-2  | 33      | 8       | 17      | 19      | 65.47  | cps   |
| Potassium  | 39-2  | 17954   | 18446   | 18121   | 18174   | 1.38   | cps   |
| Rhodium    | 103-1 | 4662381 | 4631304 | 4569045 | 4620910 | 1.03   | cps   |
| Rhodium    | 103-2 | 1599848 | 1588375 | 1582665 | 1590296 | 0.55   | cps   |
| Scandium   | 45-1  | 3449319 | 3365083 | 3425788 | 3413397 | 1.27   | cps   |
| Scandium   | 45-2  | 35091   | 34847   | 35034   | 34990   | 0.36   | cps   |
| Selenium   | 77-2  | 7       | 10      | 10      | 9       | 21.63  | cps   |
| Selenium   | 78-2  | 30      | 17      | 30      | 25      | 29.56  | cps   |
| Selenium   | 82-1  | 653     | 599     | 617     | 623     | 4.43   | cps   |
| Silicon    | 28-1  | 651717  | 651834  | 653487  | 652346  | 0.15   | cps   |
| Silver     | 109-1 | 11789   | 11889   | 12348   | 12009   | 2.48   | cps   |
| Silver     | 107-1 | 12965   | 13124   | 12565   | 12885   | 2.24   | cps   |
| Sodium     | 23-2  | 60989   | 61275   | 61994   | 61420   | 0.84   | cps   |
| Strontium  | 86-1  | 4059    | 3942    | 4134    | 4045    | 2.39   | cps   |
| Strontium  | 88-1  | 23154   | 22745   | 22520   | 22806   | 1.41   | cps   |
| Sulfur     | 34-1  | 468705  | 465575  | 465993  | 466758  | 0.36   | cps   |
| Terbium    | 159-1 | 4903620 | 4901337 | 4895338 | 4900099 | 0.09   | cps   |
| Terbium    | 159-2 | 1502205 | 1506260 | 1518618 | 1509028 | 0.57   | cps   |
| Thallium   | 203-1 | 4943    | 4951    | 4926    | 4940    | 0.26   | cps   |
| Thallium   | 205-1 | 12190   | 11773   | 12298   | 12087   | 2.29   | cps   |
| Tin        | 118-1 | 29567   | 29300   | 30369   | 29745   | 1.87   | cps   |
| Titanium   | 47-1  | 6443    | 5868    | 6110    | 6141    | 4.70   | cps   |
| Uranium    | 238-1 | 13967   | 13216   | 13625   | 13602   | 2.76   | cps   |
| Vanadium   | 51-2  | 4567    | 4227    | 4638    | 4477    | 4.90   | cps   |
| Yttrium    | 89-1  | 5308234 | 5371558 | 5402593 | 5360795 | 0.90   | cps   |
| Yttrium    | 89-2  | 230441  | 230789  | 232237  | 231155  | 0.41   | cps   |
| Zinc       | 66-2  | 913     | 927     | 913     | 918     | 0.84   | cps   |
| Zirconium  | 90-1  | 14233   | 13449   | 13899   | 13860   | 2.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:14:00 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2975 | 2792 | 2725 | 2831    | 4.57   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:17:30 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8586    | 9145    | 9270    | 9000    | 4.04   | cps   |
| Antimony   | 121-1 | 456739  | 459794  | 456590  | 457707  | 0.40   | cps   |
| Arsenic    | 75-2  | 7967    | 8169    | 8547    | 8228    | 3.58   | cps   |
| Barium     | 135-1 | 437984  | 442624  | 448538  | 443049  | 1.19   | cps   |
| Barium     | 137-1 | 768002  | 773826  | 771519  | 771115  | 0.38   | cps   |
| Beryllium  | 9-1   | 88923   | 89426   | 90316   | 89555   | 0.79   | cps   |
| Bismuth    | 209-1 | 2553404 | 2616235 | 2604289 | 2591309 | 1.29   | cps   |
| Bismuth    | 209-2 | 1153072 | 1157892 | 1156622 | 1155862 | 0.22   | cps   |
| Boron      | 10-1  | 10679   | 10871   | 10829   | 10793   | 0.93   | cps   |
| Boron      | 11-1  | 48090   | 50950   | 51392   | 50144   | 3.57   | cps   |
| Cadmium    | 111-1 | 106083  | 105755  | 107866  | 106568  | 1.07   | cps   |
| Cadmium    | 106-1 | 12223   | 12590   | 12498   | 12437   | 1.54   | cps   |
| Cadmium    | 108-1 | 7469    | 7436    | 7315    | 7406    | 1.10   | cps   |
| Calcium    | 43-1  | 131781  | 129661  | 132185  | 131209  | 1.03   | cps   |
| Calcium    | 44-1  | 2208552 | 2217915 | 2230486 | 2218984 | 0.50   | cps   |
| Chromium   | 52-2  | 69327   | 67676   | 67271   | 68091   | 1.60   | cps   |
| Cobalt     | 59-2  | 138403  | 137877  | 138335  | 138205  | 0.21   | cps   |
| Copper     | 63-2  | 241033  | 236983  | 240946  | 239654  | 0.97   | cps   |
| Dysprosium | 156-1 | 33      | 33      | 33      | 33      | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 33      | 42      | 50      | 42      | 19.99  | cps   |
| Erbium     | 164-2 | 10      | 0       | 13      | 8       | 89.21  | cps   |
| Gadolinium | 160-1 | 83      | 67      | 58      | 69      | 18.33  | cps   |
| Gadolinium | 160-2 | 0       | 10      | 7       | 6       | 91.64  | cps   |
| Holmium    | 165-1 | 4534706 | 4586409 | 4624748 | 4581954 | 0.99   | cps   |
| Holmium    | 165-2 | 1539361 | 1544919 | 1535772 | 1540017 | 0.30   | cps   |
| Indium     | 115-1 | 4563401 | 4668130 | 4694375 | 4641969 | 1.49   | cps   |
| Indium     | 115-2 | 309684  | 307933  | 307797  | 308471  | 0.34   | cps   |
| Iron       | 56-2  | 2338902 | 2342735 | 2366608 | 2349415 | 0.64   | cps   |
| Iron       | 57-2  | 57351   | 57731   | 57084   | 57389   | 0.57   | cps   |
| Lead       | 206-1 | 208531  | 204675  | 204189  | 205798  | 1.16   | cps   |
| Lead       | 207-1 | 184342  | 183764  | 183479  | 183862  | 0.24   | cps   |
| Lead       | 208-1 | 828428  | 823921  | 824660  | 825670  | 0.29   | cps   |
| Lithium    | 6-1   | 870182  | 895220  | 888012  | 884471  | 1.46   | cps   |
| Magnesium  | 24-2  | 230255  | 232135  | 233463  | 231951  | 0.69   | cps   |
| Manganese  | 55-2  | 38326   | 38597   | 38497   | 38473   | 0.36   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:17:30 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 361219  | 362633  | 364074  | 362642  | 0.39   | cps   |
| Molybdenum | 95-1  | 212523  | 211223  | 212397  | 212048  | 0.34   | cps   |
| Molybdenum | 96-1  | 270191  | 261615  | 266625  | 266144  | 1.62   | cps   |
| Molybdenum | 97-1  | 131248  | 131389  | 131870  | 131503  | 0.25   | cps   |
| Molybdenum | 98-1  | 341300  | 335067  | 334904  | 337090  | 1.08   | cps   |
| Neodymium  | 150-1 | 33      | 0       | 13      | 16      | 107.86 | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 40646   | 41248   | 41505   | 41133   | 1.07   | cps   |
| Phosphorus | 31-2  | 692     | 733     | 800     | 742     | 7.37   | cps   |
| Potassium  | 39-2  | 79692   | 78619   | 78117   | 78810   | 1.02   | cps   |
| Rhodium    | 103-1 | 4483697 | 4638313 | 4602932 | 4574980 | 1.77   | cps   |
| Rhodium    | 103-2 | 1585330 | 1569215 | 1542780 | 1565775 | 1.37   | cps   |
| Scandium   | 45-1  | 3386290 | 3414587 | 3423600 | 3408159 | 0.57   | cps   |
| Scandium   | 45-2  | 35442   | 34957   | 34660   | 35019   | 1.13   | cps   |
| Selenium   | 77-2  | 37      | 43      | 70      | 50      | 35.28  | cps   |
| Selenium   | 78-2  | 215     | 244     | 148     | 202     | 24.36  | cps   |
| Selenium   | 82-1  | 7266    | 7229    | 7239    | 7245    | 0.27   | cps   |
| Silicon    | 28-1  | 915893  | 921951  | 913162  | 917002  | 0.49   | cps   |
| Silver     | 109-1 | 504759  | 496855  | 503430  | 501681  | 0.84   | cps   |
| Silver     | 107-1 | 527626  | 526666  | 521439  | 525244  | 0.63   | cps   |
| Sodium     | 23-2  | 579052  | 581763  | 579740  | 580185  | 0.24   | cps   |
| Strontium  | 86-1  | 138108  | 138598  | 138310  | 138339  | 0.18   | cps   |
| Strontium  | 88-1  | 1185854 | 1175649 | 1174222 | 1178575 | 0.54   | cps   |
| Sulfur     | 34-1  | 510311  | 511152  | 509983  | 510482  | 0.12   | cps   |
| Terbium    | 159-1 | 4868589 | 5009801 | 5005906 | 4961432 | 1.62   | cps   |
| Terbium    | 159-2 | 1522637 | 1513627 | 1523298 | 1519854 | 0.36   | cps   |
| Thallium   | 203-1 | 256662  | 253503  | 253927  | 254697  | 0.67   | cps   |
| Thallium   | 205-1 | 615138  | 604641  | 612142  | 610640  | 0.89   | cps   |
| Tin        | 118-1 | 318772  | 320555  | 320376  | 319901  | 0.31   | cps   |
| Titanium   | 47-1  | 67471   | 66391   | 67197   | 67020   | 0.84   | cps   |
| Uranium    | 238-1 | 710427  | 708246  | 709803  | 709492  | 0.16   | cps   |
| Vanadium   | 51-2  | 48782   | 47467   | 47577   | 47942   | 1.52   | cps   |
| Yttrium    | 89-1  | 5255570 | 5324561 | 5333237 | 5304456 | 0.80   | cps   |
| Yttrium    | 89-2  | 231976  | 231567  | 230377  | 231307  | 0.36   | cps   |
| Zinc       | 66-2  | 23437   | 23330   | 23103   | 23290   | 0.73   | cps   |
| Zirconium  | 90-1  | 675996  | 673939  | 672719  | 674218  | 0.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:17:30 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 149954 | 148493 | 148733 | 149060  | 0.53   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : S4 Instrumnet Name : P8  
 Client Sample ID : S4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 12:21:00 DataFile Name : 007CAL.S.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 22602   | 22009   | 22293   | 22302   | 1.33   | cps   |
| Antimony   | 121-1 | 1153055 | 1167697 | 1147797 | 1156183 | 0.89   | cps   |
| Arsenic    | 75-2  | 20120   | 20719   | 20628   | 20489   | 1.58   | cps   |
| Barium     | 135-1 | 1122219 | 1134153 | 1108934 | 1121769 | 1.12   | cps   |
| Barium     | 137-1 | 1964306 | 1971300 | 1949678 | 1961761 | 0.56   | cps   |
| Beryllium  | 9-1   | 226595  | 229716  | 225965  | 227425  | 0.88   | cps   |
| Bismuth    | 209-1 | 2611332 | 2659698 | 2661935 | 2644322 | 1.08   | cps   |
| Bismuth    | 209-2 | 1155476 | 1164206 | 1155459 | 1158380 | 0.44   | cps   |
| Boron      | 10-1  | 25382   | 27344   | 27293   | 26673   | 4.19   | cps   |
| Boron      | 11-1  | 123334  | 125352  | 125418  | 124702  | 0.95   | cps   |
| Cadmium    | 111-1 | 269760  | 270469  | 267743  | 269324  | 0.53   | cps   |
| Cadmium    | 106-1 | 29041   | 29283   | 29049   | 29124   | 0.47   | cps   |
| Cadmium    | 108-1 | 18488   | 19185   | 19131   | 18934   | 2.05   | cps   |
| Calcium    | 43-1  | 323676  | 324864  | 325848  | 324796  | 0.33   | cps   |
| Calcium    | 44-1  | 5365121 | 5352108 | 5370095 | 5362441 | 0.17   | cps   |
| Chromium   | 52-2  | 172342  | 168204  | 170443  | 170330  | 1.22   | cps   |
| Cobalt     | 59-2  | 345074  | 342439  | 342989  | 343501  | 0.40   | cps   |
| Copper     | 63-2  | 594218  | 595310  | 597927  | 595818  | 0.32   | cps   |
| Dysprosium | 156-1 | 50      | 42      | 8       | 33      | 66.15  | cps   |
| Dysprosium | 156-2 | 10      | 3       | 3       | 6       | 69.34  | cps   |
| Erbium     | 164-1 | 8       | 25      | 17      | 17      | 50.01  | cps   |
| Erbium     | 164-2 | 3       | 3       | 20      | 9       | 108.30 | cps   |
| Gadolinium | 160-1 | 125     | 58      | 158     | 114     | 44.71  | cps   |
| Gadolinium | 160-2 | 20      | 7       | 20      | 16      | 49.47  | cps   |
| Holmium    | 165-1 | 4692024 | 4761351 | 4641295 | 4698223 | 1.28   | cps   |
| Holmium    | 165-2 | 1554750 | 1557832 | 1557502 | 1556695 | 0.11   | cps   |
| Indium     | 115-1 | 4749943 | 4771559 | 4740817 | 4754106 | 0.33   | cps   |
| Indium     | 115-2 | 306324  | 307464  | 310934  | 308240  | 0.78   | cps   |
| Iron       | 56-2  | 5711383 | 5734766 | 5711402 | 5719184 | 0.24   | cps   |
| Iron       | 57-2  | 142689  | 144648  | 142374  | 143237  | 0.86   | cps   |
| Lead       | 206-1 | 520046  | 519469  | 516205  | 518573  | 0.40   | cps   |
| Lead       | 207-1 | 466846  | 473363  | 472212  | 470807  | 0.74   | cps   |
| Lead       | 208-1 | 2101651 | 2121734 | 2118837 | 2114074 | 0.51   | cps   |
| Lithium    | 6-1   | 897536  | 896595  | 893276  | 895802  | 0.25   | cps   |
| Magnesium  | 24-2  | 580222  | 580311  | 578786  | 579773  | 0.15   | cps   |
| Manganese  | 55-2  | 97856   | 97141   | 95964   | 96987   | 0.99   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:21:00 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 917304  | 932292  | 925074  | 924890  | 0.81   | cps   |
| Molybdenum | 95-1  | 534503  | 538374  | 535661  | 536179  | 0.37   | cps   |
| Molybdenum | 96-1  | 676973  | 680188  | 674572  | 677244  | 0.42   | cps   |
| Molybdenum | 97-1  | 328914  | 333646  | 328771  | 330444  | 0.84   | cps   |
| Molybdenum | 98-1  | 848621  | 856090  | 847914  | 850875  | 0.53   | cps   |
| Neodymium  | 150-1 | 53      | 67      | 40      | 53      | 25.00  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 102006  | 102977  | 100920  | 101968  | 1.01   | cps   |
| Phosphorus | 31-2  | 1800    | 1892    | 1634    | 1775    | 7.38   | cps   |
| Potassium  | 39-2  | 188572  | 188722  | 187447  | 188247  | 0.37   | cps   |
| Rhodium    | 103-1 | 4587946 | 4649763 | 4594165 | 4610624 | 0.74   | cps   |
| Rhodium    | 103-2 | 1589157 | 1598854 | 1583299 | 1590437 | 0.49   | cps   |
| Scandium   | 45-1  | 3463157 | 3488206 | 3437363 | 3462909 | 0.73   | cps   |
| Scandium   | 45-2  | 35321   | 35532   | 36020   | 35624   | 1.01   | cps   |
| Selenium   | 77-2  | 190     | 190     | 137     | 172     | 17.88  | cps   |
| Selenium   | 78-2  | 515     | 509     | 491     | 505     | 2.50   | cps   |
| Selenium   | 82-1  | 18275   | 18420   | 18027   | 18240   | 1.09   | cps   |
| Silicon    | 28-1  | 1192230 | 1219621 | 1198837 | 1203563 | 1.19   | cps   |
| Silver     | 109-1 | 1253157 | 1271496 | 1256425 | 1260359 | 0.78   | cps   |
| Silver     | 107-1 | 1322219 | 1338114 | 1328435 | 1329589 | 0.60   | cps   |
| Sodium     | 23-2  | 1445262 | 1447251 | 1464212 | 1452242 | 0.72   | cps   |
| Strontium  | 86-1  | 344788  | 350335  | 345191  | 346771  | 0.89   | cps   |
| Strontium  | 88-1  | 2988910 | 3008103 | 2959003 | 2985338 | 0.83   | cps   |
| Sulfur     | 34-1  | 567592  | 570772  | 569500  | 569288  | 0.28   | cps   |
| Terbium    | 159-1 | 5064587 | 5093832 | 5004540 | 5054320 | 0.90   | cps   |
| Terbium    | 159-2 | 1530844 | 1534084 | 1541742 | 1535557 | 0.36   | cps   |
| Thallium   | 203-1 | 644124  | 646838  | 639320  | 643427  | 0.59   | cps   |
| Thallium   | 205-1 | 1525607 | 1519997 | 1516972 | 1520859 | 0.29   | cps   |
| Tin        | 118-1 | 803518  | 810882  | 809946  | 808115  | 0.50   | cps   |
| Titanium   | 47-1  | 167685  | 168746  | 167322  | 167918  | 0.44   | cps   |
| Uranium    | 238-1 | 1871972 | 1855842 | 1875495 | 1867770 | 0.56   | cps   |
| Vanadium   | 51-2  | 121434  | 121034  | 121323  | 121264  | 0.17   | cps   |
| Yttrium    | 89-1  | 5455405 | 5381360 | 5429502 | 5422089 | 0.69   | cps   |
| Yttrium    | 89-2  | 232883  | 231936  | 231303  | 232041  | 0.34   | cps   |
| Zinc       | 66-2  | 57730   | 57592   | 58844   | 58055   | 1.18   | cps   |
| Zirconium  | 90-1  | 1761198 | 1746399 | 1751416 | 1753004 | 0.43   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:21:00 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 380432 | 382337 | 380830 | 381200  | 0.26   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : S5 Instrumnet Name : P8  
 Client Sample ID : S5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 12:24:25 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 43843    | 45307    | 44772    | 44641    | 1.66   | cps   |
| Antimony   | 121-1 | 2336006  | 2351647  | 2433423  | 2373692  | 2.20   | cps   |
| Arsenic    | 75-2  | 41001    | 40862    | 41271    | 41045    | 0.51   | cps   |
| Barium     | 135-1 | 2293994  | 2311730  | 2294706  | 2300143  | 0.44   | cps   |
| Barium     | 137-1 | 3989056  | 3981338  | 4012569  | 3994321  | 0.41   | cps   |
| Beryllium  | 9-1   | 451084   | 452945   | 453725   | 452585   | 0.30   | cps   |
| Bismuth    | 209-1 | 2720470  | 2688164  | 2616816  | 2675150  | 1.98   | cps   |
| Bismuth    | 209-2 | 1169185  | 1175290  | 1188275  | 1177583  | 0.83   | cps   |
| Boron      | 10-1  | 52313    | 51786    | 54002    | 52700    | 2.20   | cps   |
| Boron      | 11-1  | 241799   | 245241   | 250383   | 245807   | 1.76   | cps   |
| Cadmium    | 111-1 | 544029   | 544952   | 550794   | 546592   | 0.67   | cps   |
| Cadmium    | 106-1 | 57206    | 56729    | 57834    | 57256    | 0.97   | cps   |
| Cadmium    | 108-1 | 37954    | 38183    | 37803    | 37980    | 0.50   | cps   |
| Calcium    | 43-1  | 645802   | 644945   | 648329   | 646359   | 0.27   | cps   |
| Calcium    | 44-1  | 10665635 | 10684709 | 10629415 | 10659920 | 0.26   | cps   |
| Chromium   | 52-2  | 336788   | 337332   | 336762   | 336961   | 0.10   | cps   |
| Cobalt     | 59-2  | 689619   | 678615   | 683903   | 684045   | 0.80   | cps   |
| Copper     | 63-2  | 1181560  | 1181290  | 1181052  | 1181301  | 0.02   | cps   |
| Dysprosium | 156-1 | 42       | 108      | 42       | 64       | 60.24  | cps   |
| Dysprosium | 156-2 | 3        | 10       | 10       | 8        | 49.52  | cps   |
| Erbium     | 164-1 | 17       | 8        | 25       | 17       | 50.01  | cps   |
| Erbium     | 164-2 | 7        | 17       | 10       | 11       | 45.82  | cps   |
| Gadolinium | 160-1 | 67       | 92       | 67       | 75       | 19.24  | cps   |
| Gadolinium | 160-2 | 17       | 30       | 10       | 19       | 53.91  | cps   |
| Holmium    | 165-1 | 4876978  | 4856602  | 4731586  | 4821722  | 1.63   | cps   |
| Holmium    | 165-2 | 1581840  | 1588735  | 1575195  | 1581923  | 0.43   | cps   |
| Indium     | 115-1 | 4784008  | 4792673  | 4696437  | 4757706  | 1.12   | cps   |
| Indium     | 115-2 | 307841   | 306783   | 309644   | 308089   | 0.47   | cps   |
| Iron       | 56-2  | 11310435 | 11192829 | 11294977 | 11266080 | 0.57   | cps   |
| Iron       | 57-2  | 284102   | 280362   | 284296   | 282920   | 0.78   | cps   |
| Lead       | 206-1 | 1072906  | 1067140  | 1067922  | 1069323  | 0.29   | cps   |
| Lead       | 207-1 | 965773   | 946785   | 958453   | 957004   | 1.00   | cps   |
| Lead       | 208-1 | 4364693  | 4352712  | 4336034  | 4351147  | 0.33   | cps   |
| Lithium    | 6-1   | 895312   | 895870   | 858976   | 883386   | 2.39   | cps   |
| Magnesium  | 24-2  | 1178388  | 1145265  | 1156286  | 1159980  | 1.45   | cps   |
| Manganese  | 55-2  | 194365   | 191986   | 192294   | 192882   | 0.67   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:24:25 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1901829 | 1920204 | 1922366 | 1914800 | 0.59   | cps   |
| Molybdenum | 95-1  | 1081625 | 1096680 | 1098368 | 1092224 | 0.84   | cps   |
| Molybdenum | 96-1  | 1413607 | 1395406 | 1395714 | 1401576 | 0.74   | cps   |
| Molybdenum | 97-1  | 676974  | 674490  | 683249  | 678238  | 0.67   | cps   |
| Molybdenum | 98-1  | 1761208 | 1762225 | 1777990 | 1767141 | 0.53   | cps   |
| Neodymium  | 150-1 | 100     | 127     | 67      | 98      | 30.74  | cps   |
| Neodymium  | 150-2 | 10      | 7       | 10      | 9       | 21.63  | cps   |
| Nickel     | 60-2  | 201282  | 201921  | 201941  | 201715  | 0.19   | cps   |
| Phosphorus | 31-2  | 3884    | 3551    | 3692    | 3709    | 4.51   | cps   |
| Potassium  | 39-2  | 369129  | 369597  | 370521  | 369749  | 0.19   | cps   |
| Rhodium    | 103-1 | 4652541 | 4688374 | 4554059 | 4631658 | 1.50   | cps   |
| Rhodium    | 103-2 | 1589106 | 1579438 | 1576451 | 1581665 | 0.42   | cps   |
| Scandium   | 45-1  | 3449463 | 3471790 | 3356858 | 3426037 | 1.78   | cps   |
| Scandium   | 45-2  | 35031   | 35819   | 35435   | 35428   | 1.11   | cps   |
| Selenium   | 77-2  | 343     | 317     | 257     | 306     | 14.53  | cps   |
| Selenium   | 78-2  | 920     | 1070    | 1072    | 1021    | 8.54   | cps   |
| Selenium   | 82-1  | 36996   | 36991   | 36878   | 36955   | 0.18   | cps   |
| Silicon    | 28-1  | 1790432 | 1799833 | 1795514 | 1795260 | 0.26   | cps   |
| Silver     | 109-1 | 2633370 | 2618141 | 2650271 | 2633927 | 0.61   | cps   |
| Silver     | 107-1 | 2768950 | 2708607 | 2805669 | 2761075 | 1.77   | cps   |
| Sodium     | 23-2  | 2824480 | 2875472 | 2811153 | 2837035 | 1.20   | cps   |
| Strontium  | 86-1  | 691125  | 700849  | 699330  | 697101  | 0.75   | cps   |
| Strontium  | 88-1  | 5981307 | 6029740 | 6028195 | 6013081 | 0.46   | cps   |
| Sulfur     | 34-1  | 663477  | 666078  | 661795  | 663783  | 0.33   | cps   |
| Terbium    | 159-1 | 5228407 | 5193722 | 5030831 | 5150987 | 2.05   | cps   |
| Terbium    | 159-2 | 1559541 | 1548423 | 1571356 | 1559773 | 0.74   | cps   |
| Thallium   | 203-1 | 1327854 | 1327661 | 1340119 | 1331878 | 0.54   | cps   |
| Thallium   | 205-1 | 3213957 | 3187525 | 3182148 | 3194543 | 0.53   | cps   |
| Tin        | 118-1 | 1661922 | 1657118 | 1672688 | 1663909 | 0.48   | cps   |
| Titanium   | 47-1  | 336108  | 337920  | 334269  | 336099  | 0.54   | cps   |
| Uranium    | 238-1 | 3879701 | 3795905 | 3821780 | 3832462 | 1.12   | cps   |
| Vanadium   | 51-2  | 240885  | 239041  | 241899  | 240608  | 0.60   | cps   |
| Yttrium    | 89-1  | 5480281 | 5479609 | 5311649 | 5423846 | 1.79   | cps   |
| Yttrium    | 89-2  | 232147  | 231740  | 235543  | 233143  | 0.90   | cps   |
| Zinc       | 66-2  | 114511  | 114710  | 115755  | 114992  | 0.58   | cps   |
| Zirconium  | 90-1  | 3537307 | 3558643 | 3552014 | 3549321 | 0.31   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:24:25 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 772723 | 777313 | 781630 | 777222  | 0.57   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:27:44 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 86899    | 87067    | 84384    | 86117    | 1.74   | cps   |
| Antimony   | 121-1 | 4834668  | 4834005  | 4753983  | 4807552  | 0.97   | cps   |
| Arsenic    | 75-2  | 80037    | 80965    | 81358    | 80787    | 0.84   | cps   |
| Barium     | 135-1 | 4697274  | 4704299  | 4658223  | 4686599  | 0.53   | cps   |
| Barium     | 137-1 | 8096754  | 8024006  | 7982837  | 8034532  | 0.72   | cps   |
| Beryllium  | 9-1   | 890904   | 891119   | 891429   | 891151   | 0.03   | cps   |
| Bismuth    | 209-1 | 2754358  | 2821282  | 2822696  | 2799445  | 1.40   | cps   |
| Bismuth    | 209-2 | 1190851  | 1186453  | 1191458  | 1189587  | 0.23   | cps   |
| Boron      | 10-1  | 105461   | 104899   | 107627   | 105996   | 1.36   | cps   |
| Boron      | 11-1  | 483525   | 489749   | 499305   | 490860   | 1.62   | cps   |
| Cadmium    | 111-1 | 1095635  | 1093092  | 1089584  | 1092770  | 0.28   | cps   |
| Cadmium    | 106-1 | 111457   | 112651   | 113004   | 112371   | 0.72   | cps   |
| Cadmium    | 108-1 | 78134    | 76591    | 77396    | 77374    | 1.00   | cps   |
| Calcium    | 43-1  | 1297983  | 1301722  | 1297145  | 1298950  | 0.19   | cps   |
| Calcium    | 44-1  | 21270655 | 21174099 | 21355616 | 21266790 | 0.43   | cps   |
| Chromium   | 52-2  | 657647   | 652220   | 653184   | 654350   | 0.44   | cps   |
| Cobalt     | 59-2  | 1327424  | 1332194  | 1325687  | 1328435  | 0.25   | cps   |
| Copper     | 63-2  | 2331392  | 2293518  | 2311668  | 2312193  | 0.82   | cps   |
| Dysprosium | 156-1 | 25       | 58       | 133      | 72       | 76.83  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 8        | 50       | 8        | 22       | 108.27 | cps   |
| Erbium     | 164-2 | 20       | 10       | 7        | 12       | 56.76  | cps   |
| Gadolinium | 160-1 | 150      | 117      | 133      | 133      | 12.50  | cps   |
| Gadolinium | 160-2 | 3        | 23       | 23       | 17       | 69.30  | cps   |
| Holmium    | 165-1 | 5016820  | 4906640  | 5026526  | 4983329  | 1.34   | cps   |
| Holmium    | 165-2 | 1606116  | 1604569  | 1605718  | 1605467  | 0.05   | cps   |
| Indium     | 115-1 | 4830121  | 4861021  | 4788272  | 4826471  | 0.76   | cps   |
| Indium     | 115-2 | 302450   | 302796   | 300349   | 301865   | 0.44   | cps   |
| Iron       | 56-2  | 22054399 | 22088791 | 21904351 | 22015847 | 0.45   | cps   |
| Iron       | 57-2  | 555491   | 554615   | 547835   | 552647   | 0.76   | cps   |
| Lead       | 206-1 | 2241143  | 2257841  | 2289376  | 2262787  | 1.08   | cps   |
| Lead       | 207-1 | 2022050  | 2056250  | 2072363  | 2050221  | 1.25   | cps   |
| Lead       | 208-1 | 8972285  | 9061352  | 9145671  | 9059770  | 0.96   | cps   |
| Lithium    | 6-1   | 890782   | 881662   | 903177   | 891874   | 1.21   | cps   |
| Magnesium  | 24-2  | 2269187  | 2274076  | 2225122  | 2256128  | 1.20   | cps   |
| Manganese  | 55-2  | 374219   | 377291   | 371728   | 374413   | 0.74   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:27:44 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3919264  | 3867557  | 3867566  | 3884796  | 0.77   | cps   |
| Molybdenum | 95-1  | 2247631  | 2241946  | 2267671  | 2252416  | 0.60   | cps   |
| Molybdenum | 96-1  | 2847076  | 2856645  | 2856153  | 2853292  | 0.19   | cps   |
| Molybdenum | 97-1  | 1370846  | 1351705  | 1357269  | 1359940  | 0.72   | cps   |
| Molybdenum | 98-1  | 3531734  | 3548367  | 3565658  | 3548586  | 0.48   | cps   |
| Neodymium  | 150-1 | 227      | 160      | 253      | 213      | 22.53  | cps   |
| Neodymium  | 150-2 | 7        | 7        | 17       | 10       | 57.72  | cps   |
| Nickel     | 60-2  | 391680   | 392686   | 390908   | 391758   | 0.23   | cps   |
| Phosphorus | 31-2  | 7086     | 6902     | 7094     | 7027     | 1.54   | cps   |
| Potassium  | 39-2  | 708676   | 707212   | 701976   | 705955   | 0.50   | cps   |
| Rhodium    | 103-1 | 4626358  | 4678577  | 4654151  | 4653028  | 0.56   | cps   |
| Rhodium    | 103-2 | 1574733  | 1549772  | 1536437  | 1553647  | 1.25   | cps   |
| Scandium   | 45-1  | 3479056  | 3495244  | 3477547  | 3483949  | 0.28   | cps   |
| Scandium   | 45-2  | 35371    | 34312    | 33968    | 34550    | 2.12   | cps   |
| Selenium   | 77-2  | 533      | 607      | 610      | 583      | 7.43   | cps   |
| Selenium   | 78-2  | 2071     | 2056     | 2032     | 2053     | 0.96   | cps   |
| Selenium   | 82-1  | 73592    | 73955    | 74523    | 74023    | 0.63   | cps   |
| Silicon    | 28-1  | 2916808  | 2893135  | 2943633  | 2917859  | 0.87   | cps   |
| Silver     | 109-1 | 5221949  | 5204943  | 5132419  | 5186437  | 0.92   | cps   |
| Silver     | 107-1 | 5545259  | 5461926  | 5503259  | 5503481  | 0.76   | cps   |
| Sodium     | 23-2  | 5443148  | 5443061  | 5397236  | 5427815  | 0.49   | cps   |
| Strontium  | 86-1  | 1420195  | 1427798  | 1423618  | 1423870  | 0.27   | cps   |
| Strontium  | 88-1  | 12136932 | 12142065 | 12136962 | 12138653 | 0.02   | cps   |
| Sulfur     | 34-1  | 854783   | 854958   | 854225   | 854656   | 0.04   | cps   |
| Terbium    | 159-1 | 5374835  | 5306170  | 5289472  | 5323492  | 0.85   | cps   |
| Terbium    | 159-2 | 1602963  | 1604940  | 1576094  | 1594666  | 1.01   | cps   |
| Thallium   | 203-1 | 2783667  | 2786077  | 2830821  | 2800188  | 0.95   | cps   |
| Thallium   | 205-1 | 6524896  | 6526845  | 6579540  | 6543761  | 0.47   | cps   |
| Tin        | 118-1 | 3390305  | 3417947  | 3354226  | 3387493  | 0.94   | cps   |
| Titanium   | 47-1  | 675280   | 675364   | 673051   | 674565   | 0.19   | cps   |
| Uranium    | 238-1 | 7701870  | 7845775  | 7887969  | 7811871  | 1.25   | cps   |
| Vanadium   | 51-2  | 472697   | 470169   | 471616   | 471494   | 0.27   | cps   |
| Yttrium    | 89-1  | 5547001  | 5600720  | 5498602  | 5548774  | 0.92   | cps   |
| Yttrium    | 89-2  | 230732   | 231362   | 230139   | 230745   | 0.27   | cps   |
| Zinc       | 66-2  | 221915   | 224256   | 221118   | 222430   | 0.73   | cps   |
| Zirconium  | 90-1  | 7275924  | 7155006  | 7216188  | 7215706  | 0.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:27:44 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1624391 | 1627975 | 1626872 | 1626413 | 0.11   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P8  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 12:30:57 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 168345   | 168950   | 171181   | 169492   | 0.88   | cps   |
| Antimony   | 121-1 | 9550827  | 9497176  | 9640109  | 9562704  | 0.76   | cps   |
| Arsenic    | 75-2  | 158582   | 160250   | 159801   | 159544   | 0.54   | cps   |
| Barium     | 135-1 | 9402749  | 9262969  | 9390728  | 9352149  | 0.83   | cps   |
| Barium     | 137-1 | 16291684 | 16158042 | 16583884 | 16344536 | 1.33   | cps   |
| Beryllium  | 9-1   | 1784614  | 1758752  | 1798895  | 1780754  | 1.14   | cps   |
| Bismuth    | 209-1 | 2835893  | 2831190  | 2862812  | 2843298  | 0.60   | cps   |
| Bismuth    | 209-2 | 1173990  | 1197775  | 1197934  | 1189900  | 1.16   | cps   |
| Boron      | 10-1  | 206989   | 210259   | 213269   | 210172   | 1.49   | cps   |
| Boron      | 11-1  | 993388   | 989425   | 1006905  | 996573   | 0.92   | cps   |
| Cadmium    | 111-1 | 2191525  | 2221537  | 2221234  | 2211432  | 0.78   | cps   |
| Cadmium    | 106-1 | 225117   | 223509   | 227152   | 225259   | 0.81   | cps   |
| Cadmium    | 108-1 | 154287   | 155276   | 154173   | 154579   | 0.39   | cps   |
| Calcium    | 43-1  | 2560185  | 2590871  | 2603164  | 2584740  | 0.86   | cps   |
| Calcium    | 44-1  | 42069802 | 41976377 | 42155204 | 42067128 | 0.21   | cps   |
| Chromium   | 52-2  | 1276895  | 1280656  | 1284745  | 1280765  | 0.31   | cps   |
| Cobalt     | 59-2  | 2627785  | 2629728  | 2646992  | 2634835  | 0.40   | cps   |
| Copper     | 63-2  | 4479208  | 4459349  | 4441417  | 4459991  | 0.42   | cps   |
| Dysprosium | 156-1 | 117      | 142      | 125      | 128      | 9.96   | cps   |
| Dysprosium | 156-2 | 17       | 17       | 23       | 19       | 20.36  | cps   |
| Erbium     | 164-1 | 50       | 75       | 75       | 67       | 21.65  | cps   |
| Erbium     | 164-2 | 7        | 13       | 10       | 10       | 33.30  | cps   |
| Gadolinium | 160-1 | 100      | 150      | 150      | 133      | 21.65  | cps   |
| Gadolinium | 160-2 | 13       | 37       | 17       | 22       | 56.80  | cps   |
| Holmium    | 165-1 | 5152890  | 5116579  | 5153774  | 5141081  | 0.41   | cps   |
| Holmium    | 165-2 | 1602975  | 1609238  | 1614138  | 1608784  | 0.35   | cps   |
| Indium     | 115-1 | 4736775  | 4811379  | 4815688  | 4787947  | 0.93   | cps   |
| Indium     | 115-2 | 289259   | 291726   | 292224   | 291070   | 0.55   | cps   |
| Iron       | 56-2  | 43093693 | 43179837 | 43144320 | 43139283 | 0.10   | cps   |
| Iron       | 57-2  | 1079612  | 1079506  | 1084930  | 1081349  | 0.29   | cps   |
| Lead       | 206-1 | 4460191  | 4539836  | 4582822  | 4527616  | 1.37   | cps   |
| Lead       | 207-1 | 4070623  | 4065466  | 4160432  | 4098840  | 1.30   | cps   |
| Lead       | 208-1 | 18065552 | 18123648 | 18380187 | 18189796 | 0.92   | cps   |
| Lithium    | 6-1   | 880892   | 871013   | 876548   | 876151   | 0.57   | cps   |
| Magnesium  | 24-2  | 4309712  | 4295358  | 4353544  | 4319538  | 0.70   | cps   |
| Manganese  | 55-2  | 725917   | 729186   | 736155   | 730419   | 0.72   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:30:57 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7660495  | 7646276  | 7753998  | 7686923  | 0.76   | cps   |
| Molybdenum | 95-1  | 4426131  | 4435485  | 4513434  | 4458350  | 1.08   | cps   |
| Molybdenum | 96-1  | 5668790  | 5616059  | 5708629  | 5664493  | 0.82   | cps   |
| Molybdenum | 97-1  | 2777469  | 2748053  | 2758366  | 2761296  | 0.54   | cps   |
| Molybdenum | 98-1  | 7073065  | 7039426  | 7014991  | 7042494  | 0.41   | cps   |
| Neodymium  | 150-1 | 340      | 267      | 280      | 296      | 13.22  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 757511   | 761128   | 764158   | 760932   | 0.44   | cps   |
| Phosphorus | 31-2  | 13524    | 13324    | 13215    | 13354    | 1.17   | cps   |
| Potassium  | 39-2  | 1404846  | 1390430  | 1391918  | 1395731  | 0.57   | cps   |
| Rhodium    | 103-1 | 4659518  | 4689237  | 4657119  | 4668625  | 0.38   | cps   |
| Rhodium    | 103-2 | 1512341  | 1500669  | 1504267  | 1505759  | 0.40   | cps   |
| Scandium   | 45-1  | 3444884  | 3483796  | 3437006  | 3455229  | 0.73   | cps   |
| Scandium   | 45-2  | 34188    | 34676    | 34563    | 34476    | 0.74   | cps   |
| Selenium   | 77-2  | 1147     | 1090     | 1180     | 1139     | 4.00   | cps   |
| Selenium   | 78-2  | 3871     | 4193     | 3862     | 3975     | 4.75   | cps   |
| Selenium   | 82-1  | 147265   | 147353   | 147211   | 147276   | 0.05   | cps   |
| Silicon    | 28-1  | 4994478  | 4993619  | 4920495  | 4969531  | 0.85   | cps   |
| Silver     | 109-1 | 10113353 | 10290865 | 10338553 | 10247591 | 1.16   | cps   |
| Silver     | 107-1 | 10894837 | 10936036 | 11077755 | 10969543 | 0.87   | cps   |
| Sodium     | 23-2  | 10521959 | 10587822 | 10648583 | 10586121 | 0.60   | cps   |
| Strontium  | 86-1  | 2837108  | 2853165  | 2868717  | 2852997  | 0.55   | cps   |
| Strontium  | 88-1  | 24148458 | 24188061 | 24331676 | 24222731 | 0.40   | cps   |
| Sulfur     | 34-1  | 1056698  | 1051730  | 1051423  | 1053284  | 0.28   | cps   |
| Terbium    | 159-1 | 5510887  | 5473583  | 5514972  | 5499814  | 0.41   | cps   |
| Terbium    | 159-2 | 1573036  | 1587470  | 1602370  | 1587625  | 0.92   | cps   |
| Thallium   | 203-1 | 5572068  | 5585934  | 5662026  | 5606676  | 0.86   | cps   |
| Thallium   | 205-1 | 13147640 | 13082829 | 13325180 | 13185216 | 0.95   | cps   |
| Tin        | 118-1 | 6645836  | 6631430  | 6726948  | 6668071  | 0.77   | cps   |
| Titanium   | 47-1  | 1336401  | 1351731  | 1359173  | 1349102  | 0.86   | cps   |
| Uranium    | 238-1 | 16092081 | 15967262 | 16263101 | 16107481 | 0.92   | cps   |
| Vanadium   | 51-2  | 926866   | 923809   | 933954   | 928209   | 0.56   | cps   |
| Yttrium    | 89-1  | 5634184  | 5566970  | 5606258  | 5602471  | 0.60   | cps   |
| Yttrium    | 89-2  | 226449   | 225934   | 226344   | 226242   | 0.12   | cps   |
| Zinc       | 66-2  | 431636   | 432686   | 432533   | 432285   | 0.13   | cps   |
| Zirconium  | 90-1  | 14464865 | 14404306 | 14683419 | 14517530 | 1.01   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:30:57 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 3253391 | 3230514 | 3282085 | 3255330 | 0.79   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:34:06 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 974324    | 997835    | 1003376   | 991845    | 1.56   | cps   |
| Antimony   | 121-1 | 24173     | 23355     | 23013     | 23513     | 2.54   | cps   |
| Arsenic    | 75-2  | 115       | 104       | 85        | 101       | 14.79  | cps   |
| Barium     | 135-1 | 4759      | 4659      | 5193      | 4871      | 5.82   | cps   |
| Barium     | 137-1 | 8903      | 8862      | 8428      | 8731      | 3.01   | cps   |
| Beryllium  | 9-1   | 517       | 544       | 561       | 541       | 4.15   | cps   |
| Bismuth    | 209-1 | 2541077   | 2475684   | 2092982   | 2369915   | 10.21  | cps   |
| Bismuth    | 209-2 | 1052723   | 1026419   | 1012420   | 1030520   | 1.99   | cps   |
| Boron      | 10-1  | 9470      | 8870      | 8028      | 8789      | 8.24   | cps   |
| Boron      | 11-1  | 42163     | 39898     | 36222     | 39428     | 7.60   | cps   |
| Cadmium    | 111-1 | 1468      | 1607      | 1472      | 1516      | 5.24   | cps   |
| Cadmium    | 106-1 | 1392      | 1433      | 1392      | 1406      | 1.71   | cps   |
| Cadmium    | 108-1 | 75        | 54        | 75        | 68        | 17.67  | cps   |
| Calcium    | 43-1  | 14065181  | 14082133  | 14032843  | 14060052  | 0.18   | cps   |
| Calcium    | 44-1  | 232571647 | 233761022 | 235778714 | 234037127 | 0.69   | cps   |
| Chromium   | 52-2  | 37052     | 36478     | 36534     | 36688     | 0.86   | cps   |
| Cobalt     | 59-2  | 5021      | 5091      | 4831      | 4981      | 2.70   | cps   |
| Copper     | 63-2  | 11035     | 10841     | 10814     | 10897     | 1.10   | cps   |
| Dysprosium | 156-1 | 183       | 83        | 117       | 128       | 39.85  | cps   |
| Dysprosium | 156-2 | 30        | 23        | 23        | 26        | 15.07  | cps   |
| Erbium     | 164-1 | 92        | 75        | 25        | 64        | 54.31  | cps   |
| Erbium     | 164-2 | 33        | 20        | 23        | 26        | 27.15  | cps   |
| Gadolinium | 160-1 | 175       | 175       | 100       | 150       | 28.87  | cps   |
| Gadolinium | 160-2 | 47        | 27        | 30        | 34        | 31.11  | cps   |
| Holmium    | 165-1 | 4790594   | 4738766   | 4018002   | 4515788   | 9.56   | cps   |
| Holmium    | 165-2 | 1526609   | 1493658   | 1483056   | 1501108   | 1.51   | cps   |
| Indium     | 115-1 | 4708439   | 4622314   | 3886104   | 4405619   | 10.26  | cps   |
| Indium     | 115-2 | 298826    | 295970    | 291411    | 295402    | 1.27   | cps   |
| Iron       | 56-2  | 238288155 | 239969689 | 240413439 | 239557094 | 0.47   | cps   |
| Iron       | 57-2  | 5920218   | 5974375   | 6016715   | 5970436   | 0.81   | cps   |
| Lead       | 206-1 | 11250     | 11795     | 11428     | 11491     | 2.42   | cps   |
| Lead       | 207-1 | 9776      | 10182     | 9354      | 9771      | 4.24   | cps   |
| Lead       | 208-1 | 44665     | 45527     | 44220     | 44804     | 1.48   | cps   |
| Lithium    | 6-1   | 830738    | 815198    | 701239    | 782392    | 9.04   | cps   |
| Magnesium  | 24-2  | 24164050  | 24591071  | 25034525  | 24596548  | 1.77   | cps   |
| Manganese  | 55-2  | 3437      | 3807      | 3634      | 3626      | 5.11   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:34:06 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 13265    | 14041    | 13524    | 13610    | 2.90   | cps   |
| Molybdenum | 95-1  | 20316    | 20867    | 19882    | 20355    | 2.42   | cps   |
| Molybdenum | 96-1  | 24223    | 24849    | 24598    | 24556    | 1.28   | cps   |
| Molybdenum | 97-1  | 12606    | 12231    | 12231    | 12356    | 1.75   | cps   |
| Molybdenum | 98-1  | 30711    | 31237    | 31270    | 31073    | 1.01   | cps   |
| Neodymium  | 150-1 | 127      | 133      | 133      | 131      | 2.94   | cps   |
| Neodymium  | 150-2 | 17       | 23       | 23       | 21       | 18.21  | cps   |
| Nickel     | 60-2  | 12964    | 12930    | 12806    | 12900    | 0.64   | cps   |
| Phosphorus | 31-2  | 33       | 25       | 25       | 28       | 17.33  | cps   |
| Potassium  | 39-2  | 7821832  | 8002458  | 8042177  | 7955489  | 1.48   | cps   |
| Rhodium    | 103-1 | 4330755  | 4271358  | 3582102  | 4061405  | 10.25  | cps   |
| Rhodium    | 103-2 | 1431798  | 1402543  | 1384595  | 1406312  | 1.69   | cps   |
| Scandium   | 45-1  | 3325094  | 3300495  | 2888644  | 3171411  | 7.73   | cps   |
| Scandium   | 45-2  | 33878    | 34970    | 35004    | 34617    | 1.85   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 6        | 7        | 0        | 4        | 89.21  | cps   |
| Selenium   | 82-1  | 122      | -21      | 115      | 72       | 111.76 | cps   |
| Silicon    | 28-1  | 1847790  | 1966590  | 1992907  | 1935762  | 3.99   | cps   |
| Silver     | 109-1 | 2084     | 1942     | 2192     | 2072     | 6.05   | cps   |
| Silver     | 107-1 | 2300     | 2450     | 2175     | 2309     | 5.97   | cps   |
| Sodium     | 23-2  | 59997281 | 61131926 | 61659447 | 60929551 | 1.39   | cps   |
| Strontium  | 86-1  | 107362   | 105876   | 107219   | 106819   | 0.77   | cps   |
| Strontium  | 88-1  | 916502   | 908676   | 904701   | 909960   | 0.66   | cps   |
| Sulfur     | 34-1  | 460078   | 462315   | 461133   | 461175   | 0.24   | cps   |
| Terbium    | 159-1 | 5181467  | 5065493  | 4355404  | 4867455  | 9.19   | cps   |
| Terbium    | 159-2 | 1507421  | 1475565  | 1454507  | 1479164  | 1.80   | cps   |
| Thallium   | 203-1 | 3209     | 3367     | 2834     | 3137     | 8.74   | cps   |
| Thallium   | 205-1 | 7711     | 7261     | 7428     | 7466     | 3.05   | cps   |
| Tin        | 118-1 | 9120     | 8687     | 8411     | 8739     | 4.09   | cps   |
| Titanium   | 47-1  | 2000     | 1934     | 1867     | 1934     | 3.45   | cps   |
| Uranium    | 238-1 | 4259     | 4134     | 3867     | 4087     | 4.90   | cps   |
| Vanadium   | 51-2  | 733      | 727      | 650      | 703      | 6.58   | cps   |
| Yttrium    | 89-1  | 5408595  | 5340088  | 4569495  | 5106059  | 9.13   | cps   |
| Yttrium    | 89-2  | 231146   | 228592   | 227106   | 228948   | 0.89   | cps   |
| Zinc       | 66-2  | 20626    | 20462    | 20926    | 20671    | 1.14   | cps   |
| Zirconium  | 90-1  | 4851     | 5018     | 5293     | 5054     | 4.42   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:34:06 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1033 | 1092 | 1183 | 1103    | 6.86   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P8  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 12:37:29 DataFile Name : 012ICV01.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 4509    | 4818    | 4609    | 4645    | 3.39   | cps   |
| Antimony   | 121-1 | 1836861 | 1841562 | 1851708 | 1843377 | 0.41   | cps   |
| Arsenic    | 75-2  | 33169   | 32713   | 33054   | 32979   | 0.72   | cps   |
| Barium     | 135-1 | 179747  | 179343  | 178515  | 179202  | 0.35   | cps   |
| Barium     | 137-1 | 314778  | 315701  | 312945  | 314475  | 0.45   | cps   |
| Beryllium  | 9-1   | 177155  | 174703  | 174473  | 175444  | 0.85   | cps   |
| Bismuth    | 209-1 | 2620062 | 2641724 | 2645111 | 2635632 | 0.52   | cps   |
| Bismuth    | 209-2 | 1180364 | 1182575 | 1184340 | 1182426 | 0.17   | cps   |
| Boron      | 10-1  | 99930   | 102632  | 104730  | 102431  | 2.35   | cps   |
| Boron      | 11-1  | 467599  | 475953  | 484895  | 476149  | 1.82   | cps   |
| Cadmium    | 111-1 | 218855  | 219992  | 218578  | 219142  | 0.34   | cps   |
| Cadmium    | 106-1 | 34495   | 33559   | 34429   | 34161   | 1.53   | cps   |
| Cadmium    | 108-1 | 19322   | 18926   | 19018   | 19089   | 1.09   | cps   |
| Calcium    | 43-1  | 62072   | 61594   | 60331   | 61332   | 1.47   | cps   |
| Calcium    | 44-1  | 1001874 | 989537  | 987934  | 993115  | 0.77   | cps   |
| Chromium   | 52-2  | 133342  | 134017  | 132722  | 133360  | 0.49   | cps   |
| Cobalt     | 59-2  | 277144  | 278603  | 277417  | 277721  | 0.28   | cps   |
| Copper     | 63-2  | 242491  | 239946  | 239972  | 240803  | 0.61   | cps   |
| Dysprosium | 156-1 | 42      | 17      | 25      | 28      | 45.82  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 50      | 75      | 42      | 56      | 31.22  | cps   |
| Erbium     | 164-2 | 3       | 10      | 23      | 12      | 83.33  | cps   |
| Gadolinium | 160-1 | 17      | 100     | 83      | 67      | 66.14  | cps   |
| Gadolinium | 160-2 | 17      | 13      | 10      | 13      | 25.01  | cps   |
| Holmium    | 165-1 | 4662996 | 4711924 | 4782507 | 4719142 | 1.27   | cps   |
| Holmium    | 165-2 | 1585409 | 1584163 | 1592917 | 1587497 | 0.30   | cps   |
| Indium     | 115-1 | 4621196 | 4802058 | 4857893 | 4760382 | 2.60   | cps   |
| Indium     | 115-2 | 306933  | 309687  | 309856  | 308825  | 0.53   | cps   |
| Iron       | 56-2  | 919485  | 914959  | 912163  | 915536  | 0.40   | cps   |
| Iron       | 57-2  | 22903   | 22547   | 22352   | 22600   | 1.24   | cps   |
| Lead       | 206-1 | 839839  | 837595  | 847912  | 841782  | 0.64   | cps   |
| Lead       | 207-1 | 728305  | 721949  | 727767  | 726007  | 0.49   | cps   |
| Lead       | 208-1 | 3348470 | 3347345 | 3352810 | 3349542 | 0.09   | cps   |
| Lithium    | 6-1   | 889441  | 930197  | 919539  | 913059  | 2.31   | cps   |
| Magnesium  | 24-2  | 56806   | 56262   | 56915   | 56661   | 0.62   | cps   |
| Manganese  | 55-2  | 38620   | 38410   | 39135   | 38722   | 0.96   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:37:29 | DataFile Name :   | 012ICV01.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3824261  | 3968842  | 3885773  | 3892959  | 1.86   | cps   |
| Molybdenum | 95-1  | 2168793  | 2194547  | 2192570  | 2185303  | 0.66   | cps   |
| Molybdenum | 96-1  | 2799469  | 2769613  | 2754065  | 2774382  | 0.83   | cps   |
| Molybdenum | 97-1  | 1314587  | 1308240  | 1304487  | 1309105  | 0.39   | cps   |
| Molybdenum | 98-1  | 3426537  | 3421640  | 3470519  | 3439566  | 0.78   | cps   |
| Neodymium  | 150-1 | 13       | 53       | 13       | 27       | 86.62  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 81601    | 82234    | 82456    | 82097    | 0.54   | cps   |
| Phosphorus | 31-2  | 17       | 17       | 33       | 22       | 43.28  | cps   |
| Potassium  | 39-2  | 65453    | 64356    | 64632    | 64814    | 0.88   | cps   |
| Rhodium    | 103-1 | 4634219  | 4748265  | 4770670  | 4717718  | 1.55   | cps   |
| Rhodium    | 103-2 | 1648402  | 1631363  | 1621271  | 1633679  | 0.84   | cps   |
| Scandium   | 45-1  | 3441645  | 3541958  | 3518758  | 3500787  | 1.50   | cps   |
| Scandium   | 45-2  | 37467    | 36922    | 37293    | 37227    | 0.75   | cps   |
| Selenium   | 77-2  | 210      | 270      | 270      | 250      | 13.86  | cps   |
| Selenium   | 78-2  | 902      | 943      | 841      | 895      | 5.73   | cps   |
| Selenium   | 82-1  | 29541    | 29074    | 29444    | 29353    | 0.84   | cps   |
| Silicon    | 28-1  | 2902712  | 2863987  | 2863660  | 2876786  | 0.78   | cps   |
| Silver     | 109-1 | 1002628  | 991203   | 1004523  | 999452   | 0.72   | cps   |
| Silver     | 107-1 | 1071514  | 1057450  | 1059605  | 1062856  | 0.71   | cps   |
| Sodium     | 23-2  | 253613   | 251265   | 253026   | 252635   | 0.48   | cps   |
| Strontium  | 86-1  | 1382831  | 1395877  | 1392668  | 1390459  | 0.49   | cps   |
| Strontium  | 88-1  | 11901654 | 11942972 | 11844262 | 11896296 | 0.42   | cps   |
| Sulfur     | 34-1  | 459829   | 454607   | 453493   | 455976   | 0.74   | cps   |
| Terbium    | 159-1 | 4991893  | 5072634  | 5120682  | 5061736  | 1.29   | cps   |
| Terbium    | 159-2 | 1552367  | 1561591  | 1571451  | 1561803  | 0.61   | cps   |
| Thallium   | 203-1 | 1063487  | 1052064  | 1082023  | 1065858  | 1.42   | cps   |
| Thallium   | 205-1 | 2533316  | 2551077  | 2567114  | 2550502  | 0.66   | cps   |
| Tin        | 118-1 | 3272546  | 3232709  | 3307745  | 3271000  | 1.15   | cps   |
| Titanium   | 47-1  | 663189   | 662663   | 659080   | 661644   | 0.34   | cps   |
| Uranium    | 238-1 | 7210852  | 7097705  | 7097173  | 7135244  | 0.92   | cps   |
| Vanadium   | 51-2  | 95674    | 95422    | 96791    | 95962    | 0.76   | cps   |
| Yttrium    | 89-1  | 5443668  | 5550574  | 5476667  | 5490303  | 1.00   | cps   |
| Yttrium    | 89-2  | 238719   | 237499   | 237691   | 237970   | 0.28   | cps   |
| Zinc       | 66-2  | 47147    | 46575    | 47013    | 46911    | 0.64   | cps   |
| Zirconium  | 90-1  | 7461961  | 7400731  | 7391045  | 7417912  | 0.52   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB88963             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-07-21 12:37:29 | DataFile Name :   | 012ICV01.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1656110 | 1682474 | 1662158 | 1666914 | 0.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:40:36 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 33      | 33      | 28      | 34.64  | cps   |
| Antimony   | 121-1 | 1092    | 1083    | 858     | 1011    | 13.09  | cps   |
| Arsenic    | 75-2  | 11      | 2       | 11      | 8       | 66.63  | cps   |
| Barium     | 135-1 | 75      | 117     | 58      | 83      | 36.05  | cps   |
| Barium     | 137-1 | 117     | 117     | 175     | 136     | 24.75  | cps   |
| Beryllium  | 9-1   | 178     | 194     | 189     | 187     | 4.54   | cps   |
| Bismuth    | 209-1 | 2719640 | 2703761 | 2702228 | 2708543 | 0.36   | cps   |
| Bismuth    | 209-2 | 1098264 | 1166251 | 1158404 | 1140973 | 3.26   | cps   |
| Boron      | 10-1  | 6135    | 5960    | 5285    | 5793    | 7.75   | cps   |
| Boron      | 11-1  | 28746   | 26876   | 25774   | 27132   | 5.54   | cps   |
| Cadmium    | 111-1 | 928     | 854     | 996     | 926     | 7.65   | cps   |
| Cadmium    | 106-1 | 1283    | 1167    | 1375    | 1275    | 8.19   | cps   |
| Cadmium    | 108-1 | 17      | 13      | 13      | 14      | 17.33  | cps   |
| Calcium    | 43-1  | 4426    | 4151    | 4526    | 4368    | 4.45   | cps   |
| Calcium    | 44-1  | 86919   | 86633   | 86760   | 86771   | 0.16   | cps   |
| Chromium   | 52-2  | 920     | 973     | 910     | 934     | 3.64   | cps   |
| Cobalt     | 59-2  | 73      | 83      | 97      | 84      | 13.87  | cps   |
| Copper     | 63-2  | 550     | 647     | 697     | 631     | 11.81  | cps   |
| Dysprosium | 156-1 | 0       | 25      | 33      | 19      | 89.21  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 0       | 33      | 25      | 19      | 89.21  | cps   |
| Erbium     | 164-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 75      | 83      | 67      | 75      | 11.11  | cps   |
| Gadolinium | 160-2 | 10      | 0       | 7       | 6       | 91.64  | cps   |
| Holmium    | 165-1 | 4740771 | 4715729 | 4727418 | 4727973 | 0.27   | cps   |
| Holmium    | 165-2 | 1497205 | 1535737 | 1526855 | 1519932 | 1.33   | cps   |
| Indium     | 115-1 | 4755943 | 4859480 | 4802138 | 4805854 | 1.08   | cps   |
| Indium     | 115-2 | 294623  | 310348  | 308192  | 304388  | 2.80   | cps   |
| Iron       | 56-2  | 4067    | 4329    | 3906    | 4101    | 5.20   | cps   |
| Iron       | 57-2  | 83      | 89      | 100     | 91      | 9.35   | cps   |
| Lead       | 206-1 | 772     | 911     | 878     | 854     | 8.49   | cps   |
| Lead       | 207-1 | 778     | 744     | 811     | 778     | 4.29   | cps   |
| Lead       | 208-1 | 3500    | 3523    | 3534    | 3519    | 0.48   | cps   |
| Lithium    | 6-1   | 897323  | 880717  | 883184  | 887075  | 1.01   | cps   |
| Magnesium  | 24-2  | 242     | 258     | 217     | 239     | 8.78   | cps   |
| Manganese  | 55-2  | 67      | 47      | 67      | 60      | 19.24  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:40:36 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 342     | 308     | 300     | 317     | 6.96    | cps   |
| Molybdenum | 95-1  | 167     | 183     | 150     | 167     | 10.00   | cps   |
| Molybdenum | 96-1  | 283     | 350     | 325     | 319     | 10.54   | cps   |
| Molybdenum | 97-1  | 258     | 183     | 233     | 225     | 16.97   | cps   |
| Molybdenum | 98-1  | 233     | 292     | 192     | 239     | 21.03   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 13      | 4       | 173.21  | cps   |
| Neodymium  | 150-2 | 7       | 0       | 3       | 3       | 100.05  | cps   |
| Nickel     | 60-2  | 180     | 240     | 230     | 217     | 14.84   | cps   |
| Phosphorus | 31-2  | 25      | 25      | 17      | 22      | 21.64   | cps   |
| Potassium  | 39-2  | 5568    | 5318    | 5093    | 5326    | 4.46    | cps   |
| Rhodium    | 103-1 | 4777374 | 4705865 | 4727712 | 4736984 | 0.77    | cps   |
| Rhodium    | 103-2 | 1523044 | 1609007 | 1567113 | 1566388 | 2.74    | cps   |
| Scandium   | 45-1  | 3478395 | 3454763 | 3429519 | 3454226 | 0.71    | cps   |
| Scandium   | 45-2  | 33630   | 34924   | 35418   | 34657   | 2.66    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 2       | 4       | 4       | 3       | 34.64   | cps   |
| Selenium   | 82-1  | 29      | -95     | -12     | -26     | -241.12 | cps   |
| Silicon    | 28-1  | 599640  | 584573  | 589949  | 591387  | 1.29    | cps   |
| Silver     | 109-1 | 200     | 233     | 183     | 206     | 12.39   | cps   |
| Silver     | 107-1 | 200     | 192     | 217     | 203     | 6.28    | cps   |
| Sodium     | 23-2  | 17003   | 15993   | 16952   | 16649   | 3.42    | cps   |
| Strontium  | 86-1  | 1617    | 1408    | 1592    | 1539    | 7.39    | cps   |
| Strontium  | 88-1  | 417     | 358     | 367     | 381     | 8.29    | cps   |
| Sulfur     | 34-1  | 452950  | 452870  | 453331  | 453050  | 0.05    | cps   |
| Terbium    | 159-1 | 5036080 | 5042191 | 5034636 | 5037636 | 0.08    | cps   |
| Terbium    | 159-2 | 1457599 | 1531881 | 1532081 | 1507187 | 2.85    | cps   |
| Thallium   | 203-1 | 508     | 367     | 367     | 414     | 19.76   | cps   |
| Thallium   | 205-1 | 1150    | 950     | 1008    | 1036    | 9.93    | cps   |
| Tin        | 118-1 | 1967    | 1659    | 1967    | 1864    | 9.55    | cps   |
| Titanium   | 47-1  | 267     | 258     | 292     | 272     | 6.37    | cps   |
| Uranium    | 238-1 | 400     | 283     | 267     | 317     | 22.94   | cps   |
| Vanadium   | 51-2  | 23      | 30      | 27      | 27      | 12.51   | cps   |
| Yttrium    | 89-1  | 5442098 | 5346041 | 5441960 | 5410033 | 1.02    | cps   |
| Yttrium    | 89-2  | 222995  | 229086  | 231795  | 227958  | 1.98    | cps   |
| Zinc       | 66-2  | 113     | 97      | 100     | 103     | 8.54    | cps   |
| Zirconium  | 90-1  | 1058    | 908     | 600     | 856     | 27.31   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:40:36 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 225  | 108  | 161     | 36.70  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P8  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 12:43:47 DataFile Name : 014ICSA01.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 832563   | 838516   | 822614   | 831231   | 0.97   | cps   |
| Antimony   | 121-1 | 12823    | 11581    | 12181    | 12195    | 5.10   | cps   |
| Arsenic    | 75-2  | 69       | 57       | 63       | 63       | 8.82   | cps   |
| Barium     | 135-1 | 2959     | 2825     | 2642     | 2809     | 5.66   | cps   |
| Barium     | 137-1 | 4701     | 4810     | 5085     | 4865     | 4.06   | cps   |
| Beryllium  | 9-1   | 717      | 661      | 689      | 689      | 4.03   | cps   |
| Bismuth    | 209-1 | 2676604  | 2718775  | 2689297  | 2694892  | 0.80   | cps   |
| Bismuth    | 209-2 | 1131860  | 1133174  | 1126358  | 1130464  | 0.32   | cps   |
| Boron      | 10-1  | 4251     | 3984     | 3617     | 3951     | 8.05   | cps   |
| Boron      | 11-1  | 18930    | 18012    | 18554    | 18499    | 2.50   | cps   |
| Cadmium    | 111-1 | 1588     | 1662     | 1700     | 1650     | 3.44   | cps   |
| Cadmium    | 106-1 | 1308     | 1517     | 1442     | 1422     | 7.42   | cps   |
| Cadmium    | 108-1 | 1088     | 1000     | 1079     | 1056     | 4.58   | cps   |
| Calcium    | 43-1  | 2559098  | 2553478  | 2582858  | 2565145  | 0.61   | cps   |
| Calcium    | 44-1  | 41679079 | 41967778 | 41841453 | 41829437 | 0.35   | cps   |
| Chromium   | 52-2  | 26505    | 27083    | 27551    | 27046    | 1.94   | cps   |
| Cobalt     | 59-2  | 3067     | 3247     | 3027     | 3114     | 3.76   | cps   |
| Copper     | 63-2  | 18603    | 18776    | 19190    | 18856    | 1.60   | cps   |
| Dysprosium | 156-1 | 50       | 25       | 8        | 28       | 75.51  | cps   |
| Dysprosium | 156-2 | 10       | 13       | 10       | 11       | 17.30  | cps   |
| Erbium     | 164-1 | 42       | 42       | 17       | 33       | 43.30  | cps   |
| Erbium     | 164-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Gadolinium | 160-1 | 75       | 117      | 67       | 86       | 31.11  | cps   |
| Gadolinium | 160-2 | 10       | 20       | 23       | 18       | 39.03  | cps   |
| Holmium    | 165-1 | 4969930  | 5031442  | 4923584  | 4974985  | 1.09   | cps   |
| Holmium    | 165-2 | 1586235  | 1573233  | 1566978  | 1575482  | 0.62   | cps   |
| Indium     | 115-1 | 4852319  | 4805853  | 4737006  | 4798393  | 1.21   | cps   |
| Indium     | 115-2 | 302962   | 300323   | 305397   | 302894   | 0.84   | cps   |
| Iron       | 56-2  | 87222588 | 87589621 | 87184133 | 87332114 | 0.26   | cps   |
| Iron       | 57-2  | 2203500  | 2226407  | 2224321  | 2218076  | 0.57   | cps   |
| Lead       | 206-1 | 21708    | 21613    | 21380    | 21567    | 0.78   | cps   |
| Lead       | 207-1 | 17429    | 17451    | 16817    | 17233    | 2.09   | cps   |
| Lead       | 208-1 | 81046    | 81012    | 79888    | 80649    | 0.82   | cps   |
| Lithium    | 6-1   | 869601   | 889538   | 862678   | 873939   | 1.60   | cps   |
| Magnesium  | 24-2  | 4434902  | 4470490  | 4432325  | 4445906  | 0.48   | cps   |
| Manganese  | 55-2  | 3210     | 3027     | 3080     | 3106     | 3.04   | cps   |



|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB88963             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-07-21 12:43:47 | DataFile Name :   | 014ICSA01.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4880537  | 4877865  | 4865098  | 4874500  | 0.17   | cps   |
| Molybdenum | 95-1  | 8576390  | 8536730  | 8546555  | 8553225  | 0.24   | cps   |
| Molybdenum | 96-1  | 9214045  | 9105269  | 9065972  | 9128428  | 0.84   | cps   |
| Molybdenum | 97-1  | 5342061  | 5245297  | 5210642  | 5266000  | 1.29   | cps   |
| Molybdenum | 98-1  | 13698238 | 13546360 | 13369665 | 13538088 | 1.21   | cps   |
| Neodymium  | 150-1 | 47       | 27       | 40       | 38       | 26.95  | cps   |
| Neodymium  | 150-2 | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 4041     | 4317     | 4231     | 4196     | 3.37   | cps   |
| Phosphorus | 31-2  | 70736    | 70945    | 69471    | 70384    | 1.13   | cps   |
| Potassium  | 39-2  | 2877275  | 2892129  | 2873699  | 2881034  | 0.34   | cps   |
| Rhodium    | 103-1 | 4678787  | 4634440  | 4633009  | 4648745  | 0.56   | cps   |
| Rhodium    | 103-2 | 1529357  | 1531666  | 1534743  | 1531922  | 0.18   | cps   |
| Scandium   | 45-1  | 3504241  | 3514340  | 3525227  | 3514603  | 0.30   | cps   |
| Scandium   | 45-2  | 34850    | 34376    | 35017    | 34748    | 0.96   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 4        | 6        | 4        | 4        | 24.86  | cps   |
| Selenium   | 82-1  | 86       | 18       | -10      | 31       | 159.11 | cps   |
| Silicon    | 28-1  | 729368   | 730609   | 717325   | 725767   | 1.01   | cps   |
| Silver     | 109-1 | 1825     | 2059     | 2000     | 1961     | 6.19   | cps   |
| Silver     | 107-1 | 1992     | 2150     | 2150     | 2097     | 4.36   | cps   |
| Sodium     | 23-2  | 10917617 | 10975189 | 10967577 | 10953461 | 0.29   | cps   |
| Strontium  | 86-1  | 97345    | 97253    | 99208    | 97935    | 1.13   | cps   |
| Strontium  | 88-1  | 834198   | 831789   | 832610   | 832866   | 0.15   | cps   |
| Sulfur     | 34-1  | 3315442  | 3384081  | 3339744  | 3346422  | 1.04   | cps   |
| Terbium    | 159-1 | 5361135  | 5378662  | 5255336  | 5331711  | 1.25   | cps   |
| Terbium    | 159-2 | 1544651  | 1544923  | 1550353  | 1546643  | 0.21   | cps   |
| Thallium   | 203-1 | 1092     | 1383     | 1458     | 1311     | 14.77  | cps   |
| Thallium   | 205-1 | 3201     | 3417     | 3584     | 3401     | 5.65   | cps   |
| Tin        | 118-1 | 3601     | 3484     | 3959     | 3681     | 6.73   | cps   |
| Titanium   | 47-1  | 2637332  | 2697807  | 2651772  | 2662304  | 1.19   | cps   |
| Uranium    | 238-1 | 517      | 375      | 400      | 431      | 17.56  | cps   |
| Vanadium   | 51-2  | 130      | 127      | 173      | 143      | 18.16  | cps   |
| Yttrium    | 89-1  | 5614698  | 5589112  | 5603563  | 5602457  | 0.23   | cps   |
| Yttrium    | 89-2  | 229786   | 230228   | 230190   | 230068   | 0.11   | cps   |
| Zinc       | 66-2  | 2950     | 2877     | 2894     | 2907     | 1.32   | cps   |
| Zirconium  | 90-1  | 3942     | 3459     | 3476     | 3626     | 7.57   | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB88963             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-07-21 12:43:47 | DataFile Name :   | 014ICSA01.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 767  | 883  | 783  | 811     | 7.78   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : ICSAB01 Instrumnet Name : P8  
 Client Sample ID : ICSAB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 12:46:53 DataFile Name : 015ICSB.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 829247   | 825455   | 810095   | 821599   | 1.23   | cps   |
| Antimony   | 121-1 | 195011   | 197321   | 199655   | 197329   | 1.18   | cps   |
| Arsenic    | 75-2  | 3293     | 3126     | 3228     | 3216     | 2.61   | cps   |
| Barium     | 135-1 | 39443    | 40839    | 39853    | 40045    | 1.79   | cps   |
| Barium     | 137-1 | 70356    | 69441    | 70329    | 70042    | 0.74   | cps   |
| Beryllium  | 9-1   | 34698    | 35038    | 34614    | 34783    | 0.64   | cps   |
| Bismuth    | 209-1 | 2697328  | 2719723  | 2608590  | 2675214  | 2.20   | cps   |
| Bismuth    | 209-2 | 1136660  | 1108957  | 1106517  | 1117378  | 1.50   | cps   |
| Boron      | 10-1  | 13674    | 13123    | 14057    | 13618    | 3.45   | cps   |
| Boron      | 11-1  | 61792    | 63073    | 63759    | 62874    | 1.59   | cps   |
| Cadmium    | 111-1 | 43592    | 44581    | 44065    | 44079    | 1.12   | cps   |
| Cadmium    | 106-1 | 6794     | 6318     | 6710     | 6607     | 3.84   | cps   |
| Cadmium    | 108-1 | 4280     | 4493     | 4476     | 4416     | 2.68   | cps   |
| Calcium    | 43-1  | 2550436  | 2521570  | 2529212  | 2533739  | 0.59   | cps   |
| Calcium    | 44-1  | 41706385 | 41514191 | 41740034 | 41653537 | 0.29   | cps   |
| Chromium   | 52-2  | 54272    | 52859    | 51351    | 52827    | 2.77   | cps   |
| Cobalt     | 59-2  | 56996    | 56608    | 57073    | 56892    | 0.44   | cps   |
| Copper     | 63-2  | 64549    | 65493    | 65507    | 65183    | 0.84   | cps   |
| Dysprosium | 156-1 | 58       | 33       | 42       | 44       | 28.65  | cps   |
| Dysprosium | 156-2 | 7        | 13       | 13       | 11       | 34.61  | cps   |
| Erbium     | 164-1 | 42       | 100      | 42       | 61       | 55.11  | cps   |
| Erbium     | 164-2 | 13       | 13       | 13       | 13       | 0.00   | cps   |
| Gadolinium | 160-1 | 100      | 108      | 58       | 89       | 30.13  | cps   |
| Gadolinium | 160-2 | 10       | 10       | 23       | 14       | 53.28  | cps   |
| Holmium    | 165-1 | 4891022  | 4938716  | 4955002  | 4928247  | 0.67   | cps   |
| Holmium    | 165-2 | 1570661  | 1557815  | 1534775  | 1554417  | 1.17   | cps   |
| Indium     | 115-1 | 4876543  | 4820033  | 4827422  | 4841333  | 0.63   | cps   |
| Indium     | 115-2 | 301338   | 303114   | 295881   | 300111   | 1.26   | cps   |
| Iron       | 56-2  | 87141555 | 87014408 | 86747555 | 86967839 | 0.23   | cps   |
| Iron       | 57-2  | 2225010  | 2206552  | 2224359  | 2218640  | 0.47   | cps   |
| Lead       | 206-1 | 105889   | 105279   | 106937   | 106035   | 0.79   | cps   |
| Lead       | 207-1 | 87854    | 87287    | 86862    | 87334    | 0.57   | cps   |
| Lead       | 208-1 | 410527   | 406233   | 405345   | 407368   | 0.68   | cps   |
| Lithium    | 6-1   | 863972   | 858431   | 861616   | 861340   | 0.32   | cps   |
| Magnesium  | 24-2  | 4440600  | 4439728  | 4344063  | 4408130  | 1.26   | cps   |
| Manganese  | 55-2  | 10381    | 11131    | 10604    | 10705    | 3.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:46:53 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5128572  | 5179689  | 5244648  | 5184303  | 1.12   | cps   |
| Molybdenum | 95-1  | 8567818  | 8719223  | 8659739  | 8648927  | 0.88   | cps   |
| Molybdenum | 96-1  | 9260030  | 9335920  | 9241817  | 9279256  | 0.54   | cps   |
| Molybdenum | 97-1  | 5290147  | 5303621  | 5336071  | 5309946  | 0.44   | cps   |
| Molybdenum | 98-1  | 13541110 | 13694117 | 13745852 | 13660360 | 0.78   | cps   |
| Neodymium  | 150-1 | 33       | 40       | 67       | 47       | 37.79  | cps   |
| Neodymium  | 150-2 | 0        | 13       | 0        | 4        | 173.21 | cps   |
| Nickel     | 60-2  | 19944    | 19824    | 19978    | 19916    | 0.41   | cps   |
| Phosphorus | 31-2  | 70409    | 69112    | 68785    | 69435    | 1.24   | cps   |
| Potassium  | 39-2  | 2839148  | 2910654  | 2837351  | 2862384  | 1.46   | cps   |
| Rhodium    | 103-1 | 4645742  | 4641438  | 4610130  | 4632437  | 0.42   | cps   |
| Rhodium    | 103-2 | 1542370  | 1535983  | 1487025  | 1521793  | 1.99   | cps   |
| Scandium   | 45-1  | 3485450  | 3474969  | 3526856  | 3495758  | 0.78   | cps   |
| Scandium   | 45-2  | 35087    | 34833    | 34576    | 34832    | 0.73   | cps   |
| Selenium   | 77-2  | 23       | 17       | 43       | 28       | 49.95  | cps   |
| Selenium   | 78-2  | 87       | 61       | 72       | 73       | 17.71  | cps   |
| Selenium   | 82-1  | 3025     | 3013     | 2967     | 3002     | 1.02   | cps   |
| Silicon    | 28-1  | 957890   | 936116   | 947196   | 947067   | 1.15   | cps   |
| Silver     | 109-1 | 190439   | 190473   | 194401   | 191771   | 1.19   | cps   |
| Silver     | 107-1 | 203439   | 203466   | 203146   | 203350   | 0.09   | cps   |
| Sodium     | 23-2  | 10973097 | 10932272 | 10859151 | 10921507 | 0.53   | cps   |
| Strontium  | 86-1  | 240788   | 240407   | 239288   | 240161   | 0.32   | cps   |
| Strontium  | 88-1  | 2131417  | 2093695  | 2105952  | 2110355  | 0.91   | cps   |
| Sulfur     | 34-1  | 3336903  | 3291323  | 3308949  | 3312392  | 0.69   | cps   |
| Terbium    | 159-1 | 5281950  | 5250859  | 5257697  | 5263502  | 0.31   | cps   |
| Terbium    | 159-2 | 1549381  | 1526957  | 1519447  | 1531928  | 1.02   | cps   |
| Thallium   | 203-1 | 109025   | 108302   | 108487   | 108604   | 0.35   | cps   |
| Thallium   | 205-1 | 258371   | 254113   | 255770   | 256084   | 0.84   | cps   |
| Tin        | 118-1 | 339376   | 341045   | 336909   | 339110   | 0.61   | cps   |
| Titanium   | 47-1  | 2696840  | 2662974  | 2706511  | 2688775  | 0.85   | cps   |
| Uranium    | 238-1 | 778087   | 777854   | 757218   | 771053   | 1.55   | cps   |
| Vanadium   | 51-2  | 19023    | 19170    | 19177    | 19123    | 0.45   | cps   |
| Yttrium    | 89-1  | 5607127  | 5622338  | 5688516  | 5639327  | 0.77   | cps   |
| Yttrium    | 89-2  | 230848   | 229258   | 227637   | 229248   | 0.70   | cps   |
| Zinc       | 66-2  | 7135     | 7072     | 7109     | 7105     | 0.45   | cps   |
| Zirconium  | 90-1  | 782542   | 785584   | 788735   | 785620   | 0.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:46:53 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 173932 | 173578 | 174472 | 173994  | 0.26   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 12:49:59 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 450481    | 448638    | 450659    | 449926    | 0.25   | cps   |
| Antimony   | 121-1 | 4486767   | 4559324   | 4524751   | 4523614   | 0.80   | cps   |
| Arsenic    | 75-2  | 81304     | 81717     | 81146     | 81389     | 0.36   | cps   |
| Barium     | 135-1 | 4459646   | 4475217   | 4499722   | 4478195   | 0.45   | cps   |
| Barium     | 137-1 | 7730554   | 7770079   | 7810072   | 7770235   | 0.51   | cps   |
| Beryllium  | 9-1   | 851194    | 849837    | 848004    | 849678    | 0.19   | cps   |
| Bismuth    | 209-1 | 2410509   | 2519631   | 2511055   | 2480398   | 2.45   | cps   |
| Bismuth    | 209-2 | 1065666   | 1054436   | 1069713   | 1063271   | 0.74   | cps   |
| Boron      | 10-1  | 100416    | 100802    | 102331    | 101183    | 1.00   | cps   |
| Boron      | 11-1  | 467424    | 474296    | 480113    | 473944    | 1.34   | cps   |
| Cadmium    | 111-1 | 1015079   | 1024429   | 1023622   | 1021043   | 0.51   | cps   |
| Cadmium    | 106-1 | 104252    | 107173    | 106317    | 105914    | 1.42   | cps   |
| Cadmium    | 108-1 | 71229     | 72331     | 72334     | 71965     | 0.89   | cps   |
| Calcium    | 43-1  | 6310201   | 6353982   | 6305980   | 6323388   | 0.42   | cps   |
| Calcium    | 44-1  | 105094102 | 105239132 | 104782979 | 105038738 | 0.22   | cps   |
| Chromium   | 52-2  | 682972    | 681820    | 681810    | 682200    | 0.10   | cps   |
| Cobalt     | 59-2  | 1327532   | 1326238   | 1326288   | 1326686   | 0.06   | cps   |
| Copper     | 63-2  | 2276945   | 2270093   | 2258287   | 2268442   | 0.42   | cps   |
| Dysprosium | 156-1 | 83        | 117       | 125       | 108       | 20.35  | cps   |
| Dysprosium | 156-2 | 17        | 27        | 17        | 20        | 28.86  | cps   |
| Erbium     | 164-1 | 50        | 42        | 17        | 36        | 48.03  | cps   |
| Erbium     | 164-2 | 10        | 7         | 17        | 11        | 45.82  | cps   |
| Gadolinium | 160-1 | 133       | 75        | 92        | 100       | 30.05  | cps   |
| Gadolinium | 160-2 | 30        | 33        | 33        | 32        | 5.97   | cps   |
| Holmium    | 165-1 | 4452377   | 4747476   | 4679724   | 4626526   | 3.34   | cps   |
| Holmium    | 165-2 | 1521666   | 1519974   | 1525693   | 1522445   | 0.19   | cps   |
| Indium     | 115-1 | 4391596   | 4593393   | 4652382   | 4545790   | 3.01   | cps   |
| Indium     | 115-2 | 296050    | 294267    | 291536    | 293951    | 0.77   | cps   |
| Iron       | 56-2  | 109106180 | 108496827 | 107057047 | 108220018 | 0.97   | cps   |
| Iron       | 57-2  | 2751500   | 2755700   | 2734085   | 2747095   | 0.42   | cps   |
| Lead       | 206-1 | 2054664   | 2048190   | 2049585   | 2050813   | 0.17   | cps   |
| Lead       | 207-1 | 1829858   | 1877443   | 1833636   | 1846979   | 1.43   | cps   |
| Lead       | 208-1 | 8262182   | 8220142   | 8272641   | 8251655   | 0.34   | cps   |
| Lithium    | 6-1   | 787862    | 826645    | 831272    | 815260    | 2.92   | cps   |
| Magnesium  | 24-2  | 11238112  | 11224872  | 11192911  | 11218632  | 0.21   | cps   |
| Manganese  | 55-2  | 383665    | 382281    | 379231    | 381726    | 0.59   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 12:49:59 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3672410  | 3675904  | 3667309  | 3671874  | 0.12   | cps   |
| Molybdenum | 95-1  | 2188236  | 2191152  | 2191846  | 2190411  | 0.09   | cps   |
| Molybdenum | 96-1  | 2758018  | 2743198  | 2750593  | 2750603  | 0.27   | cps   |
| Molybdenum | 97-1  | 1324525  | 1318784  | 1316041  | 1319783  | 0.33   | cps   |
| Molybdenum | 98-1  | 3401651  | 3479449  | 3467723  | 3449608  | 1.22   | cps   |
| Neodymium  | 150-1 | 187      | 160      | 140      | 162      | 14.43  | cps   |
| Neodymium  | 150-2 | 10       | 17       | 10       | 12       | 31.50  | cps   |
| Nickel     | 60-2  | 388893   | 391757   | 388406   | 389685   | 0.46   | cps   |
| Phosphorus | 31-2  | 6785     | 7210     | 6660     | 6885     | 4.19   | cps   |
| Potassium  | 39-2  | 3645239  | 3628067  | 3703389  | 3658898  | 1.08   | cps   |
| Rhodium    | 103-1 | 4121331  | 4338584  | 4405316  | 4288410  | 3.46   | cps   |
| Rhodium    | 103-2 | 1476006  | 1465326  | 1470243  | 1470525  | 0.36   | cps   |
| Scandium   | 45-1  | 3285605  | 3482991  | 3442578  | 3403724  | 3.06   | cps   |
| Scandium   | 45-2  | 35284    | 35294    | 36113    | 35564    | 1.34   | cps   |
| Selenium   | 77-2  | 557      | 727      | 603      | 629      | 13.97  | cps   |
| Selenium   | 78-2  | 2076     | 2122     | 1982     | 2060     | 3.48   | cps   |
| Selenium   | 82-1  | 71421    | 72093    | 71358    | 71624    | 0.57   | cps   |
| Silicon    | 28-1  | 2945085  | 3035396  | 3029038  | 3003173  | 1.68   | cps   |
| Silver     | 109-1 | 4839183  | 4863039  | 4862604  | 4854942  | 0.28   | cps   |
| Silver     | 107-1 | 5172129  | 5170139  | 5166203  | 5169490  | 0.06   | cps   |
| Sodium     | 23-2  | 27822073 | 27644947 | 27748157 | 27738392 | 0.32   | cps   |
| Strontium  | 86-1  | 1424413  | 1438285  | 1437112  | 1433270  | 0.54   | cps   |
| Strontium  | 88-1  | 12298615 | 12183612 | 12155588 | 12212605 | 0.62   | cps   |
| Sulfur     | 34-1  | 834775   | 843062   | 842238   | 840025   | 0.54   | cps   |
| Terbium    | 159-1 | 4785106  | 5008066  | 5091459  | 4961544  | 3.19   | cps   |
| Terbium    | 159-2 | 1501027  | 1514789  | 1487031  | 1500949  | 0.92   | cps   |
| Thallium   | 203-1 | 2533918  | 2574370  | 2546841  | 2551710  | 0.81   | cps   |
| Thallium   | 205-1 | 5972363  | 5971353  | 5922615  | 5955444  | 0.48   | cps   |
| Tin        | 118-1 | 3226601  | 3231335  | 3217133  | 3225023  | 0.22   | cps   |
| Titanium   | 47-1  | 664532   | 671063   | 667612   | 667735   | 0.49   | cps   |
| Uranium    | 238-1 | 7270582  | 7378337  | 7256617  | 7301845  | 0.91   | cps   |
| Vanadium   | 51-2  | 490868   | 487913   | 486181   | 488321   | 0.49   | cps   |
| Yttrium    | 89-1  | 5194279  | 5397480  | 5422020  | 5337926  | 2.34   | cps   |
| Yttrium    | 89-2  | 230786   | 228895   | 228603   | 229428   | 0.52   | cps   |
| Zinc       | 66-2  | 217717   | 219065   | 216671   | 217818   | 0.55   | cps   |
| Zirconium  | 90-1  | 6770649  | 6760119  | 6785806  | 6772191  | 0.19   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 12:49:59 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1537972 | 1515501 | 1503272 | 1518915 | 1.16   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:53:01 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 25      | 25      | 22      | 21.64  | cps   |
| Antimony   | 121-1 | 1392    | 1167    | 1250    | 1270    | 8.96   | cps   |
| Arsenic    | 75-2  | 13      | 19      | 13      | 15      | 21.67  | cps   |
| Barium     | 135-1 | 125     | 117     | 33      | 92      | 55.30  | cps   |
| Barium     | 137-1 | 158     | 158     | 242     | 186     | 25.85  | cps   |
| Beryllium  | 9-1   | 200     | 222     | 244     | 222     | 10.00  | cps   |
| Bismuth    | 209-1 | 2494682 | 2564526 | 2641590 | 2566933 | 2.86   | cps   |
| Bismuth    | 209-2 | 1145739 | 1137020 | 1137626 | 1140128 | 0.43   | cps   |
| Boron      | 10-1  | 4076    | 3751    | 3642    | 3823    | 5.90   | cps   |
| Boron      | 11-1  | 18513   | 17962   | 17044   | 17839   | 4.16   | cps   |
| Cadmium    | 111-1 | 856     | 946     | 1041    | 948     | 9.72   | cps   |
| Cadmium    | 106-1 | 1158    | 1317    | 1433    | 1303    | 10.60  | cps   |
| Cadmium    | 108-1 | 13      | 13      | 13      | 13      | 0.00   | cps   |
| Calcium    | 43-1  | 5226    | 4876    | 4368    | 4823    | 8.95   | cps   |
| Calcium    | 44-1  | 89905   | 88319   | 88026   | 88750   | 1.14   | cps   |
| Chromium   | 52-2  | 1003    | 1047    | 973     | 1008    | 3.66   | cps   |
| Cobalt     | 59-2  | 163     | 93      | 150     | 136     | 27.42  | cps   |
| Copper     | 63-2  | 710     | 837     | 860     | 802     | 10.06  | cps   |
| Dysprosium | 156-1 | 0       | 17      | 25      | 14      | 91.65  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 8       | 33      | 19      | 65.48  | cps   |
| Erbium     | 164-2 | 10      | 3       | 7       | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 75      | 67      | 50      | 64      | 19.92  | cps   |
| Gadolinium | 160-2 | 10      | 13      | 7       | 10      | 33.30  | cps   |
| Holmium    | 165-1 | 4559204 | 4543801 | 4603659 | 4568888 | 0.68   | cps   |
| Holmium    | 165-2 | 1543580 | 1522683 | 1520861 | 1529042 | 0.83   | cps   |
| Indium     | 115-1 | 4750991 | 4727820 | 4766857 | 4748556 | 0.41   | cps   |
| Indium     | 115-2 | 310480  | 310495  | 311936  | 310970  | 0.27   | cps   |
| Iron       | 56-2  | 4957    | 4657    | 4373    | 4662    | 6.26   | cps   |
| Iron       | 57-2  | 156     | 172     | 128     | 152     | 14.79  | cps   |
| Lead       | 206-1 | 789     | 783     | 906     | 826     | 8.36   | cps   |
| Lead       | 207-1 | 622     | 789     | 722     | 711     | 11.80  | cps   |
| Lead       | 208-1 | 3100    | 3161    | 3350    | 3204    | 4.07   | cps   |
| Lithium    | 6-1   | 861337  | 849169  | 864745  | 858417  | 0.95   | cps   |
| Magnesium  | 24-2  | 225     | 300     | 250     | 258     | 14.78  | cps   |
| Manganese  | 55-2  | 47      | 93      | 47      | 62      | 43.30  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:53:01 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 642     | 642     | 558     | 614     | 7.84   | cps   |
| Molybdenum | 95-1  | 225     | 233     | 133     | 197     | 28.13  | cps   |
| Molybdenum | 96-1  | 383     | 275     | 367     | 342     | 17.07  | cps   |
| Molybdenum | 97-1  | 250     | 392     | 308     | 317     | 22.49  | cps   |
| Molybdenum | 98-1  | 292     | 258     | 392     | 314     | 22.11  | cps   |
| Neodymium  | 150-1 | 13      | 0       | 0       | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 237     | 220     | 167     | 208     | 17.60  | cps   |
| Phosphorus | 31-2  | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 5401    | 5510    | 5685    | 5532    | 2.59   | cps   |
| Rhodium    | 103-1 | 4643259 | 4662928 | 4687585 | 4664591 | 0.48   | cps   |
| Rhodium    | 103-2 | 1633892 | 1621060 | 1604876 | 1619943 | 0.90   | cps   |
| Scandium   | 45-1  | 3448581 | 3456348 | 3451116 | 3452015 | 0.11   | cps   |
| Scandium   | 45-2  | 35826   | 35719   | 35612   | 35719   | 0.30   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 0       | 4       | 4       | 2       | 86.60  | cps   |
| Selenium   | 82-1  | -57     | -160    | -25     | -81     | -87.44 | cps   |
| Silicon    | 28-1  | 574227  | 575368  | 573700  | 574432  | 0.15   | cps   |
| Silver     | 109-1 | 450     | 492     | 442     | 461     | 5.81   | cps   |
| Silver     | 107-1 | 458     | 517     | 517     | 497     | 6.77   | cps   |
| Sodium     | 23-2  | 19739   | 19039   | 18529   | 19102   | 3.18   | cps   |
| Strontium  | 86-1  | 1533    | 1517    | 1609    | 1553    | 3.15   | cps   |
| Strontium  | 88-1  | 358     | 417     | 475     | 417     | 14.00  | cps   |
| Sulfur     | 34-1  | 444843  | 441021  | 444268  | 443377  | 0.46   | cps   |
| Terbium    | 159-1 | 4843966 | 5004059 | 4933067 | 4927031 | 1.63   | cps   |
| Terbium    | 159-2 | 1523058 | 1506688 | 1514257 | 1514667 | 0.54   | cps   |
| Thallium   | 203-1 | 525     | 417     | 517     | 486     | 12.40  | cps   |
| Thallium   | 205-1 | 1083    | 1008    | 883     | 992     | 10.19  | cps   |
| Tin        | 118-1 | 1609    | 1508    | 1417    | 1511    | 6.34   | cps   |
| Titanium   | 47-1  | 200     | 192     | 233     | 208     | 10.58  | cps   |
| Uranium    | 238-1 | 542     | 492     | 608     | 547     | 10.70  | cps   |
| Vanadium   | 51-2  | 30      | 23      | 30      | 28      | 13.86  | cps   |
| Yttrium    | 89-1  | 5414676 | 5455810 | 5503577 | 5458021 | 0.82   | cps   |
| Yttrium    | 89-2  | 234394  | 234375  | 234214  | 234328  | 0.04   | cps   |
| Zinc       | 66-2  | 167     | 120     | 110     | 132     | 22.88  | cps   |
| Zirconium  | 90-1  | 1325    | 1000    | 1233    | 1186    | 14.13  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:53:01 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 333  | 200  | 258     | 26.41  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:56:12 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 167     | 192     | 208     | 189     | 11.10  | cps   |
| Antimony   | 121-1 | 17646   | 17646   | 17712   | 17668   | 0.22   | cps   |
| Arsenic    | 75-2  | 163     | 183     | 163     | 170     | 6.93   | cps   |
| Barium     | 135-1 | 16736   | 16052   | 16745   | 16511   | 2.41   | cps   |
| Barium     | 137-1 | 28423   | 28841   | 28356   | 28540   | 0.92   | cps   |
| Beryllium  | 9-1   | 2095    | 1872    | 1628    | 1865    | 12.52  | cps   |
| Bismuth    | 209-1 | 2598044 | 2458765 | 2593590 | 2550133 | 3.10   | cps   |
| Bismuth    | 209-2 | 1139285 | 1115800 | 1132149 | 1129078 | 1.07   | cps   |
| Boron      | 10-1  | 6802    | 6335    | 7060    | 6732    | 5.46   | cps   |
| Boron      | 11-1  | 30057   | 31661   | 31544   | 31087   | 2.88   | cps   |
| Cadmium    | 111-1 | 3031    | 2915    | 3134    | 3027    | 3.61   | cps   |
| Cadmium    | 106-1 | 1558    | 1442    | 1542    | 1514    | 4.17   | cps   |
| Cadmium    | 108-1 | 133     | 117     | 125     | 125     | 6.67   | cps   |
| Calcium    | 43-1  | 16269   | 16802   | 16944   | 16672   | 2.14   | cps   |
| Calcium    | 44-1  | 277623  | 280204  | 275982  | 277936  | 0.77   | cps   |
| Chromium   | 52-2  | 3651    | 3644    | 3731    | 3675    | 1.31   | cps   |
| Cobalt     | 59-2  | 2747    | 2747    | 2644    | 2713    | 2.20   | cps   |
| Copper     | 63-2  | 5915    | 5931    | 5968    | 5938    | 0.46   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 25      | 42      | 31      | 31.50  | cps   |
| Erbium     | 164-2 | 7       | 7       | 10      | 8       | 24.71  | cps   |
| Gadolinium | 160-1 | 58      | 83      | 67      | 69      | 18.33  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Holmium    | 165-1 | 4645304 | 4434731 | 4735244 | 4605093 | 3.35   | cps   |
| Holmium    | 165-2 | 1547748 | 1518186 | 1533065 | 1533000 | 0.96   | cps   |
| Indium     | 115-1 | 4794214 | 4602693 | 4849046 | 4748651 | 2.72   | cps   |
| Indium     | 115-2 | 311924  | 312653  | 309036  | 311205  | 0.61   | cps   |
| Iron       | 56-2  | 46611   | 46940   | 47036   | 46862   | 0.47   | cps   |
| Iron       | 57-2  | 1106    | 1122    | 1217    | 1148    | 5.22   | cps   |
| Lead       | 206-1 | 4512    | 4757    | 4290    | 4519    | 5.17   | cps   |
| Lead       | 207-1 | 3962    | 4195    | 3990    | 4049    | 3.15   | cps   |
| Lead       | 208-1 | 18334   | 18534   | 18122   | 18330   | 1.12   | cps   |
| Lithium    | 6-1   | 868725  | 837601  | 877770  | 861365  | 2.45   | cps   |
| Magnesium  | 24-2  | 22260   | 21509   | 21041   | 21603   | 2.85   | cps   |
| Manganese  | 55-2  | 430     | 403     | 440     | 424     | 4.47   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:56:12 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 15977   | 16127   | 16185   | 16096   | 0.67   | cps   |
| Molybdenum | 95-1  | 19673   | 19874   | 19381   | 19643   | 1.26   | cps   |
| Molybdenum | 96-1  | 21034   | 21802   | 20942   | 21259   | 2.22   | cps   |
| Molybdenum | 97-1  | 11639   | 12406   | 12515   | 12187   | 3.92   | cps   |
| Molybdenum | 98-1  | 30811   | 31463   | 31103   | 31126   | 1.05   | cps   |
| Neodymium  | 150-1 | 0       | 33      | 13      | 16      | 107.87 | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 820     | 840     | 1000    | 887     | 11.13  | cps   |
| Phosphorus | 31-2  | 0       | 8       | 25      | 11      | 114.58 | cps   |
| Potassium  | 39-2  | 19389   | 18346   | 19756   | 19164   | 3.82   | cps   |
| Rhodium    | 103-1 | 4717799 | 4560478 | 4721903 | 4666727 | 1.97   | cps   |
| Rhodium    | 103-2 | 1631182 | 1609441 | 1621591 | 1620738 | 0.67   | cps   |
| Scandium   | 45-1  | 3491335 | 3355357 | 3491428 | 3446040 | 2.28   | cps   |
| Scandium   | 45-2  | 36534   | 35939   | 36297   | 36257   | 0.83   | cps   |
| Selenium   | 77-2  | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Selenium   | 78-2  | 37      | 26      | 30      | 31      | 18.33  | cps   |
| Selenium   | 82-1  | 798     | 672     | 607     | 692     | 13.97  | cps   |
| Silicon    | 28-1  | 615332  | 609436  | 611281  | 612016  | 0.49   | cps   |
| Silver     | 109-1 | 13149   | 12531   | 12823   | 12834   | 2.41   | cps   |
| Silver     | 107-1 | 14091   | 13666   | 13557   | 13771   | 2.05   | cps   |
| Sodium     | 23-2  | 73046   | 70325   | 71497   | 71622   | 1.91   | cps   |
| Strontium  | 86-1  | 3901    | 4217    | 4059    | 4059    | 3.90   | cps   |
| Strontium  | 88-1  | 22486   | 22862   | 23830   | 23059   | 3.01   | cps   |
| Sulfur     | 34-1  | 443251  | 446288  | 447434  | 445658  | 0.49   | cps   |
| Terbium    | 159-1 | 4964193 | 4713487 | 5063501 | 4913727 | 3.67   | cps   |
| Terbium    | 159-2 | 1527079 | 1503071 | 1513517 | 1514556 | 0.79   | cps   |
| Thallium   | 203-1 | 5410    | 4885    | 4893    | 5062    | 5.94   | cps   |
| Thallium   | 205-1 | 11689   | 12398   | 12473   | 12187   | 3.55   | cps   |
| Tin        | 118-1 | 30210   | 31112   | 31046   | 30790   | 1.63   | cps   |
| Titanium   | 47-1  | 6093    | 5793    | 6502    | 6129    | 5.80   | cps   |
| Uranium    | 238-1 | 13550   | 13708   | 12557   | 13272   | 4.70   | cps   |
| Vanadium   | 51-2  | 4544    | 4531    | 4294    | 4456    | 3.16   | cps   |
| Yttrium    | 89-1  | 5433254 | 5279192 | 5489451 | 5400632 | 2.02   | cps   |
| Yttrium    | 89-2  | 236378  | 235552  | 235394  | 235775  | 0.22   | cps   |
| Zinc       | 66-2  | 647     | 480     | 570     | 566     | 14.75  | cps   |
| Zirconium  | 90-1  | 14367   | 14175   | 15376   | 14639   | 4.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 12:56:12 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3426 | 3376 | 3392 | 3398    | 0.75   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100825BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100825BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:01:52 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 8       | 17      | 14      | 34.67  | cps   |
| Antimony   | 121-1 | 200     | 275     | 233     | 236     | 15.92  | cps   |
| Arsenic    | 75-2  | 7       | 7       | 6       | 7       | 15.72  | cps   |
| Barium     | 135-1 | 33      | 33      | 33      | 33      | 0.00   | cps   |
| Barium     | 137-1 | 50      | 33      | 100     | 61      | 56.78  | cps   |
| Beryllium  | 9-1   | 128     | 106     | 117     | 117     | 9.52   | cps   |
| Bismuth    | 209-1 | 2562287 | 2593614 | 2582380 | 2579427 | 0.62   | cps   |
| Bismuth    | 209-2 | 1112191 | 1121859 | 1125170 | 1119740 | 0.60   | cps   |
| Boron      | 10-1  | 1583    | 1500    | 1433    | 1506    | 4.99   | cps   |
| Boron      | 11-1  | 7394    | 7094    | 6568    | 7019    | 5.95   | cps   |
| Cadmium    | 111-1 | 853     | 822     | 1064    | 913     | 14.42  | cps   |
| Cadmium    | 106-1 | 1233    | 1183    | 1500    | 1306    | 13.04  | cps   |
| Cadmium    | 108-1 | 33      | 21      | 4       | 19      | 75.24  | cps   |
| Calcium    | 43-1  | 4509    | 4651    | 4576    | 4579    | 1.55   | cps   |
| Calcium    | 44-1  | 82333   | 82903   | 83725   | 82987   | 0.84   | cps   |
| Chromium   | 52-2  | 857     | 873     | 883     | 871     | 1.55   | cps   |
| Cobalt     | 59-2  | 100     | 70      | 93      | 88      | 17.95  | cps   |
| Copper     | 63-2  | 640     | 633     | 560     | 611     | 7.26   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 8       | 14      | 69.31  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 0       | 0       | 8       | 173.21 | cps   |
| Erbium     | 164-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 67      | 17      | 33      | 39      | 65.47  | cps   |
| Gadolinium | 160-2 | 10      | 7       | 20      | 12      | 56.76  | cps   |
| Holmium    | 165-1 | 4516380 | 4611043 | 4519382 | 4548935 | 1.18   | cps   |
| Holmium    | 165-2 | 1502295 | 1510727 | 1513522 | 1508848 | 0.39   | cps   |
| Indium     | 115-1 | 4699241 | 4741141 | 4650189 | 4696857 | 0.97   | cps   |
| Indium     | 115-2 | 303637  | 309791  | 309286  | 307572  | 1.11   | cps   |
| Iron       | 56-2  | 3184    | 3539    | 3184    | 3302    | 6.22   | cps   |
| Iron       | 57-2  | 122     | 111     | 133     | 122     | 9.09   | cps   |
| Lead       | 206-1 | 406     | 550     | 606     | 520     | 19.84  | cps   |
| Lead       | 207-1 | 528     | 506     | 394     | 476     | 15.01  | cps   |
| Lead       | 208-1 | 1922    | 2117    | 2195    | 2078    | 6.75   | cps   |
| Lithium    | 6-1   | 855335  | 856699  | 856731  | 856255  | 0.09   | cps   |
| Magnesium  | 24-2  | 150     | 175     | 167     | 164     | 7.77   | cps   |
| Manganese  | 55-2  | 67      | 100     | 57      | 74      | 30.48  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100825BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100825BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:01:52 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 250     | 317     | 233     | 267     | 16.54  | cps   |
| Molybdenum | 95-1  | 58      | 25      | 100     | 61      | 61.49  | cps   |
| Molybdenum | 96-1  | 92      | 167     | 125     | 128     | 29.41  | cps   |
| Molybdenum | 97-1  | 217     | 167     | 217     | 200     | 14.43  | cps   |
| Molybdenum | 98-1  | 50      | 92      | 108     | 83      | 36.06  | cps   |
| Neodymium  | 150-1 | 13      | 0       | 7       | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 103     | 93      | 117     | 104     | 11.21  | cps   |
| Phosphorus | 31-2  | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Potassium  | 39-2  | 4893    | 4809    | 4776    | 4826    | 1.25   | cps   |
| Rhodium    | 103-1 | 4578548 | 4671578 | 4627347 | 4625824 | 1.01   | cps   |
| Rhodium    | 103-2 | 1594441 | 1614515 | 1597664 | 1602207 | 0.67   | cps   |
| Scandium   | 45-1  | 3416893 | 3476580 | 3446003 | 3446492 | 0.87   | cps   |
| Scandium   | 45-2  | 34970   | 35622   | 35929   | 35507   | 1.38   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 6       | 4       | 4       | 24.86  | cps   |
| Selenium   | 82-1  | -60     | -153    | -25     | -80     | -83.02 | cps   |
| Silicon    | 28-1  | 556172  | 556383  | 547632  | 553395  | 0.90   | cps   |
| Silver     | 109-1 | 183     | 250     | 183     | 206     | 18.73  | cps   |
| Silver     | 107-1 | 242     | 208     | 250     | 233     | 9.45   | cps   |
| Sodium     | 23-2  | 13582   | 13348   | 12823   | 13251   | 2.93   | cps   |
| Strontium  | 86-1  | 1492    | 1367    | 1425    | 1428    | 4.38   | cps   |
| Strontium  | 88-1  | 117     | 183     | 92      | 131     | 36.30  | cps   |
| Sulfur     | 34-1  | 449905  | 454769  | 450542  | 451739  | 0.59   | cps   |
| Terbium    | 159-1 | 4862948 | 4911231 | 4879132 | 4884437 | 0.50   | cps   |
| Terbium    | 159-2 | 1479542 | 1493051 | 1503611 | 1492068 | 0.81   | cps   |
| Thallium   | 203-1 | 158     | 183     | 158     | 167     | 8.66   | cps   |
| Thallium   | 205-1 | 450     | 392     | 383     | 408     | 8.90   | cps   |
| Tin        | 118-1 | 1208    | 917     | 925     | 1017    | 16.33  | cps   |
| Titanium   | 47-1  | 267     | 192     | 175     | 211     | 23.13  | cps   |
| Uranium    | 238-1 | 175     | 125     | 167     | 156     | 17.22  | cps   |
| Vanadium   | 51-2  | 7       | 20      | 17      | 14      | 48.02  | cps   |
| Yttrium    | 89-1  | 5401636 | 5388171 | 5392199 | 5394002 | 0.13   | cps   |
| Yttrium    | 89-2  | 231041  | 233552  | 234461  | 233018  | 0.76   | cps   |
| Zinc       | 66-2  | 43      | 50      | 33      | 42      | 19.87  | cps   |
| Zirconium  | 90-1  | 633     | 492     | 500     | 542     | 14.68  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100825BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100825BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:01:52 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 150  | 142  | 128     | 24.69  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100825BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100825BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:05:05 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 17      | 50      | 28      | 69.27  | cps   |
| Antimony   | 121-1 | 192     | 283     | 183     | 219     | 25.29  | cps   |
| Arsenic    | 75-2  | 9       | 13      | 4       | 9       | 53.95  | cps   |
| Barium     | 135-1 | 42      | 67      | 83      | 64      | 32.83  | cps   |
| Barium     | 137-1 | 125     | 133     | 175     | 144     | 18.54  | cps   |
| Beryllium  | 9-1   | 100     | 100     | 89      | 96      | 6.66   | cps   |
| Bismuth    | 209-1 | 2545193 | 2529370 | 2553425 | 2542663 | 0.48   | cps   |
| Bismuth    | 209-2 | 1123025 | 1125003 | 1122428 | 1123485 | 0.12   | cps   |
| Boron      | 10-1  | 1475    | 1242    | 1400    | 1372    | 8.68   | cps   |
| Boron      | 11-1  | 6502    | 6477    | 6418    | 6466    | 0.66   | cps   |
| Cadmium    | 111-1 | 956     | 940     | 992     | 963     | 2.77   | cps   |
| Cadmium    | 106-1 | 1350    | 1333    | 1392    | 1358    | 2.21   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 4       | 7       | 34.59  | cps   |
| Calcium    | 43-1  | 4918    | 4693    | 4568    | 4726    | 3.75   | cps   |
| Calcium    | 44-1  | 87188   | 84621   | 84664   | 85491   | 1.72   | cps   |
| Chromium   | 52-2  | 937     | 960     | 977     | 958     | 2.10   | cps   |
| Cobalt     | 59-2  | 130     | 90      | 160     | 127     | 27.73  | cps   |
| Copper     | 63-2  | 587     | 710     | 680     | 659     | 9.76   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 25      | 19      | 49.50  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 8       | 33      | 17      | 19      | 65.47  | cps   |
| Erbium     | 164-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Gadolinium | 160-1 | 58      | 42      | 117     | 72      | 54.52  | cps   |
| Gadolinium | 160-2 | 10      | 13      | 17      | 13      | 25.01  | cps   |
| Holmium    | 165-1 | 4560416 | 4587621 | 4607883 | 4585307 | 0.52   | cps   |
| Holmium    | 165-2 | 1509363 | 1520284 | 1504576 | 1511408 | 0.53   | cps   |
| Indium     | 115-1 | 4707985 | 4716139 | 4714185 | 4712769 | 0.09   | cps   |
| Indium     | 115-2 | 309846  | 309346  | 312797  | 310663  | 0.60   | cps   |
| Iron       | 56-2  | 3706    | 4040    | 4023    | 3923    | 4.79   | cps   |
| Iron       | 57-2  | 167     | 111     | 106     | 128     | 26.44  | cps   |
| Lead       | 206-1 | 2015254 | 1987683 | 1985307 | 1996081 | 0.83   | cps   |
| Lead       | 207-1 | 1753356 | 1810407 | 1782868 | 1782210 | 1.60   | cps   |
| Lead       | 208-1 | 7977051 | 8045258 | 8040882 | 8021064 | 0.48   | cps   |
| Lithium    | 6-1   | 858340  | 861205  | 849637  | 856394  | 0.70   | cps   |
| Magnesium  | 24-2  | 175     | 192     | 233     | 200     | 15.02  | cps   |
| Manganese  | 55-2  | 90      | 100     | 47      | 79      | 35.93  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100825BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100825BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:05:05 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 242     | 167     | 333     | 247     | 33.76  | cps   |
| Molybdenum | 95-1  | 42      | 67      | 133     | 81      | 58.82  | cps   |
| Molybdenum | 96-1  | 125     | 100     | 150     | 125     | 20.00  | cps   |
| Molybdenum | 97-1  | 267     | 158     | 175     | 200     | 29.17  | cps   |
| Molybdenum | 98-1  | 100     | 167     | 50      | 106     | 55.45  | cps   |
| Neodymium  | 150-1 | 13      | 0       | 0       | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 110     | 123     | 93      | 109     | 13.80  | cps   |
| Phosphorus | 31-2  | 8       | 50      | 25      | 28      | 75.51  | cps   |
| Potassium  | 39-2  | 4843    | 4701    | 5026    | 4857    | 3.36   | cps   |
| Rhodium    | 103-1 | 4680671 | 4674862 | 4606878 | 4654137 | 0.88   | cps   |
| Rhodium    | 103-2 | 1600525 | 1602472 | 1612951 | 1605316 | 0.42   | cps   |
| Scandium   | 45-1  | 3452990 | 3428519 | 3420539 | 3434016 | 0.49   | cps   |
| Scandium   | 45-2  | 35161   | 35602   | 35983   | 35582   | 1.16   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 6       | 4       | 4       | 4       | 24.86  | cps   |
| Selenium   | 82-1  | -70     | -206    | -220    | -165    | -50.12 | cps   |
| Silicon    | 28-1  | 561941  | 566076  | 565827  | 564615  | 0.41   | cps   |
| Silver     | 109-1 | 283     | 183     | 192     | 219     | 25.29  | cps   |
| Silver     | 107-1 | 300     | 242     | 175     | 239     | 26.18  | cps   |
| Sodium     | 23-2  | 12856   | 12531   | 12723   | 12703   | 1.29   | cps   |
| Strontium  | 86-1  | 1392    | 1509    | 1433    | 1445    | 4.09   | cps   |
| Strontium  | 88-1  | 250     | 300     | 275     | 275     | 9.09   | cps   |
| Sulfur     | 34-1  | 458174  | 454740  | 455872  | 456262  | 0.38   | cps   |
| Terbium    | 159-1 | 4867995 | 4801547 | 4916805 | 4862116 | 1.19   | cps   |
| Terbium    | 159-2 | 1493158 | 1512671 | 1503028 | 1502952 | 0.65   | cps   |
| Thallium   | 203-1 | 108     | 225     | 175     | 169     | 34.54  | cps   |
| Thallium   | 205-1 | 492     | 392     | 417     | 433     | 12.01  | cps   |
| Tin        | 118-1 | 3434    | 3301    | 3267    | 3334    | 2.65   | cps   |
| Titanium   | 47-1  | 175     | 283     | 267     | 242     | 24.14  | cps   |
| Uranium    | 238-1 | 175     | 150     | 92      | 139     | 30.79  | cps   |
| Vanadium   | 51-2  | 23      | 13      | 23      | 20      | 28.87  | cps   |
| Yttrium    | 89-1  | 5341056 | 5403817 | 5350295 | 5365056 | 0.63   | cps   |
| Yttrium    | 89-2  | 233332  | 233475  | 234272  | 233693  | 0.22   | cps   |
| Zinc       | 66-2  | 360     | 373     | 413     | 382     | 7.26   | cps   |
| Zirconium  | 90-1  | 517     | 608     | 558     | 561     | 8.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100825BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100825BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:05:05 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 92   | 133  | 133     | 31.25  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-01 Instrumnet Name : P8  
 Client Sample ID : DC1296-01-FL1-BR-W4-Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:08:14 DataFile Name : 021SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 108     | 92      | 208     | 136     | 46.37  | cps   |
| Antimony   | 121-1 | 633     | 692     | 758     | 694     | 9.01   | cps   |
| Arsenic    | 75-2  | 46      | 43      | 67      | 52      | 25.00  | cps   |
| Barium     | 135-1 | 33000   | 31839   | 32232   | 32357   | 1.83   | cps   |
| Barium     | 137-1 | 56045   | 55701   | 55685   | 55810   | 0.36   | cps   |
| Beryllium  | 9-1   | 133     | 111     | 167     | 137     | 20.40  | cps   |
| Bismuth    | 209-1 | 2756966 | 2766958 | 2627795 | 2717240 | 2.86   | cps   |
| Bismuth    | 209-2 | 1204634 | 1206664 | 1206859 | 1206052 | 0.10   | cps   |
| Boron      | 10-1  | 2017    | 1692    | 1742    | 1817    | 9.63   | cps   |
| Boron      | 11-1  | 9062    | 8753    | 8586    | 8800    | 2.74   | cps   |
| Cadmium    | 111-1 | 1118    | 958     | 1031    | 1035    | 7.72   | cps   |
| Cadmium    | 106-1 | 1584    | 1333    | 1425    | 1447    | 8.74   | cps   |
| Cadmium    | 108-1 | 17      | 13      | 13      | 14      | 17.33  | cps   |
| Calcium    | 43-1  | 151484  | 148174  | 147427  | 149028  | 1.45   | cps   |
| Calcium    | 44-1  | 2571009 | 2510529 | 2515495 | 2532344 | 1.33   | cps   |
| Chromium   | 52-2  | 1097    | 1137    | 1103    | 1112    | 1.93   | cps   |
| Cobalt     | 59-2  | 120     | 187     | 103     | 137     | 32.26  | cps   |
| Copper     | 63-2  | 182423  | 181917  | 180262  | 181534  | 0.62   | cps   |
| Dysprosium | 156-1 | 67      | 75      | 75      | 72      | 6.66   | cps   |
| Dysprosium | 156-2 | 33      | 33      | 17      | 28      | 34.63  | cps   |
| Erbium     | 164-1 | 83      | 75      | 67      | 75      | 11.11  | cps   |
| Erbium     | 164-2 | 33      | 20      | 13      | 22      | 45.83  | cps   |
| Gadolinium | 160-1 | 92      | 150     | 117     | 119     | 24.50  | cps   |
| Gadolinium | 160-2 | 53      | 23      | 17      | 31      | 62.77  | cps   |
| Holmium    | 165-1 | 4862526 | 4939973 | 4725855 | 4842784 | 2.24   | cps   |
| Holmium    | 165-2 | 1654732 | 1676933 | 1658440 | 1663368 | 0.71   | cps   |
| Indium     | 115-1 | 5157769 | 5037164 | 4902441 | 5032458 | 2.54   | cps   |
| Indium     | 115-2 | 330824  | 333158  | 328974  | 330985  | 0.63   | cps   |
| Iron       | 56-2  | 27161   | 33002   | 27101   | 29088   | 11.65  | cps   |
| Iron       | 57-2  | 711     | 789     | 583     | 694     | 14.95  | cps   |
| Lead       | 206-1 | 4912    | 4540    | 4451    | 4634    | 5.28   | cps   |
| Lead       | 207-1 | 3534    | 3834    | 3645    | 3671    | 4.13   | cps   |
| Lead       | 208-1 | 17711   | 17655   | 16766   | 17377   | 3.05   | cps   |
| Lithium    | 6-1   | 940762  | 945608  | 878426  | 921599  | 4.07   | cps   |
| Magnesium  | 24-2  | 55350   | 55309   | 54564   | 55074   | 0.80   | cps   |
| Manganese  | 55-2  | 7032    | 6885    | 6945    | 6954    | 1.06   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-01 Instrumnet Name : P8  
 Client Sample ID : DC1296-01-FL1-BR-W4-Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:08:14 DataFile Name : 021SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 817     | 625     | 750     | 731     | 13.32  | cps   |
| Molybdenum | 95-1  | 133     | 258     | 108     | 167     | 48.22  | cps   |
| Molybdenum | 96-1  | 350     | 333     | 417     | 367     | 12.03  | cps   |
| Molybdenum | 97-1  | 258     | 217     | 283     | 253     | 13.32  | cps   |
| Molybdenum | 98-1  | 408     | 283     | 275     | 322     | 23.18  | cps   |
| Neodymium  | 150-1 | 113     | 53      | 40      | 69      | 56.70  | cps   |
| Neodymium  | 150-2 | 23      | 3       | 0       | 9       | 142.00 | cps   |
| Nickel     | 60-2  | 2437    | 2314    | 2300    | 2350    | 3.21   | cps   |
| Phosphorus | 31-2  | 583     | 500     | 492     | 525     | 9.66   | cps   |
| Potassium  | 39-2  | 20800   | 19764   | 20282   | 20282   | 2.55   | cps   |
| Rhodium    | 103-1 | 5032818 | 5013044 | 4725587 | 4923816 | 3.49   | cps   |
| Rhodium    | 103-2 | 1710712 | 1720813 | 1704273 | 1711933 | 0.49   | cps   |
| Scandium   | 45-1  | 3710463 | 3701686 | 3503206 | 3638452 | 3.22   | cps   |
| Scandium   | 45-2  | 38162   | 38362   | 38530   | 38351   | 0.48   | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 0       | 9       | 4       | 4       | 107.89 | cps   |
| Selenium   | 82-1  | -63     | -39     | -111    | -71     | -52.14 | cps   |
| Silicon    | 28-1  | 5278014 | 5141210 | 5280041 | 5233088 | 1.52   | cps   |
| Silver     | 109-1 | 233     | 275     | 158     | 222     | 26.61  | cps   |
| Silver     | 107-1 | 117     | 175     | 283     | 192     | 44.13  | cps   |
| Sodium     | 23-2  | 1210406 | 1198121 | 1204633 | 1204387 | 0.51   | cps   |
| Strontium  | 86-1  | 56652   | 57121   | 56643   | 56805   | 0.48   | cps   |
| Strontium  | 88-1  | 469811  | 465033  | 469549  | 468131  | 0.57   | cps   |
| Sulfur     | 34-1  | 506386  | 504699  | 499480  | 503521  | 0.72   | cps   |
| Terbium    | 159-1 | 5246762 | 5237271 | 5049858 | 5177964 | 2.14   | cps   |
| Terbium    | 159-2 | 1645860 | 1653160 | 1657562 | 1652194 | 0.36   | cps   |
| Thallium   | 203-1 | 150     | 142     | 133     | 142     | 5.88   | cps   |
| Thallium   | 205-1 | 333     | 375     | 258     | 322     | 18.35  | cps   |
| Tin        | 118-1 | 717     | 717     | 825     | 753     | 8.31   | cps   |
| Titanium   | 47-1  | 658     | 542     | 733     | 644     | 14.99  | cps   |
| Uranium    | 238-1 | 367     | 267     | 350     | 328     | 16.35  | cps   |
| Vanadium   | 51-2  | 107     | 80      | 87      | 91      | 15.23  | cps   |
| Yttrium    | 89-1  | 5776745 | 5778641 | 5540772 | 5698719 | 2.40   | cps   |
| Yttrium    | 89-2  | 247118  | 253254  | 247226  | 249199  | 1.41   | cps   |
| Zinc       | 66-2  | 7666    | 7792    | 7475    | 7644    | 2.09   | cps   |
| Zirconium  | 90-1  | 1650    | 1558    | 1600    | 1603    | 2.86   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-01             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-01-FL1-BR-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:08:14  | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 383  | 333  | 375  | 364     | 7.36   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-02 Instrumnet Name : P8  
 Client Sample ID : DC1296-02-FL1-BR-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:11:23 DataFile Name : 022SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 150     | 133     | 167     | 150     | 11.11  | cps   |
| Antimony   | 121-1 | 508     | 675     | 475     | 553     | 19.38  | cps   |
| Arsenic    | 75-2  | 54      | 56      | 52      | 54      | 3.45   | cps   |
| Barium     | 135-1 | 32149   | 32925   | 32082   | 32385   | 1.45   | cps   |
| Barium     | 137-1 | 55609   | 55484   | 55124   | 55406   | 0.45   | cps   |
| Beryllium  | 9-1   | 150     | 139     | 122     | 137     | 10.20  | cps   |
| Bismuth    | 209-1 | 2785310 | 2759308 | 2812716 | 2785778 | 0.96   | cps   |
| Bismuth    | 209-2 | 1199144 | 1203161 | 1205107 | 1202471 | 0.25   | cps   |
| Boron      | 10-1  | 2084    | 1684    | 1659    | 1809    | 13.19  | cps   |
| Boron      | 11-1  | 8803    | 8711    | 8261    | 8592    | 3.38   | cps   |
| Cadmium    | 111-1 | 1039    | 939     | 975     | 984     | 5.15   | cps   |
| Cadmium    | 106-1 | 1425    | 1300    | 1375    | 1367    | 4.60   | cps   |
| Cadmium    | 108-1 | 13      | 13      | 13      | 13      | 0.00   | cps   |
| Calcium    | 43-1  | 152689  | 154870  | 152488  | 153349  | 0.86   | cps   |
| Calcium    | 44-1  | 2613655 | 2607620 | 2593020 | 2604765 | 0.41   | cps   |
| Chromium   | 52-2  | 1093    | 1120    | 1167    | 1127    | 3.29   | cps   |
| Cobalt     | 59-2  | 127     | 150     | 153     | 143     | 10.14  | cps   |
| Copper     | 63-2  | 73821   | 74257   | 73048   | 73709   | 0.83   | cps   |
| Dysprosium | 156-1 | 75      | 92      | 42      | 69      | 36.66  | cps   |
| Dysprosium | 156-2 | 13      | 37      | 17      | 22      | 56.80  | cps   |
| Erbium     | 164-1 | 67      | 58      | 83      | 69      | 18.33  | cps   |
| Erbium     | 164-2 | 17      | 20      | 23      | 20      | 16.65  | cps   |
| Gadolinium | 160-1 | 67      | 33      | 108     | 69      | 54.12  | cps   |
| Gadolinium | 160-2 | 40      | 30      | 33      | 34      | 14.78  | cps   |
| Holmium    | 165-1 | 4946950 | 5079475 | 4970179 | 4998868 | 1.42   | cps   |
| Holmium    | 165-2 | 1620976 | 1639234 | 1675106 | 1645106 | 1.67   | cps   |
| Indium     | 115-1 | 5251718 | 5098565 | 5116815 | 5155699 | 1.62   | cps   |
| Indium     | 115-2 | 325192  | 332873  | 332154  | 330073  | 1.29   | cps   |
| Iron       | 56-2  | 28227   | 27709   | 25992   | 27309   | 4.28   | cps   |
| Iron       | 57-2  | 672     | 661     | 600     | 644     | 6.03   | cps   |
| Lead       | 206-1 | 1172    | 1083    | 1117    | 1124    | 4.00   | cps   |
| Lead       | 207-1 | 972     | 1000    | 950     | 974     | 2.57   | cps   |
| Lead       | 208-1 | 4600    | 4406    | 4634    | 4547    | 2.71   | cps   |
| Lithium    | 6-1   | 936109  | 941079  | 948639  | 941942  | 0.67   | cps   |
| Magnesium  | 24-2  | 54723   | 55016   | 54121   | 54620   | 0.84   | cps   |
| Manganese  | 55-2  | 5261    | 5064    | 5104    | 5143    | 2.02   | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-02 Instrumnet Name : P8  
 Client Sample ID : DC1296-02-FL1-BR-W4-Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:11:23 DataFile Name : 022SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 642     | 600     | 567     | 603     | 6.23    | cps   |
| Molybdenum | 95-1  | 250     | 250     | 142     | 214     | 29.24   | cps   |
| Molybdenum | 96-1  | 292     | 342     | 317     | 317     | 7.90    | cps   |
| Molybdenum | 97-1  | 183     | 333     | 342     | 286     | 31.14   | cps   |
| Molybdenum | 98-1  | 350     | 333     | 292     | 325     | 9.25    | cps   |
| Neodymium  | 150-1 | 80      | 53      | 73      | 69      | 20.14   | cps   |
| Neodymium  | 150-2 | 17      | 13      | 0       | 10      | 88.20   | cps   |
| Nickel     | 60-2  | 620     | 617     | 607     | 614     | 1.13    | cps   |
| Phosphorus | 31-2  | 558     | 533     | 567     | 553     | 3.14    | cps   |
| Potassium  | 39-2  | 21492   | 21526   | 20499   | 21172   | 2.76    | cps   |
| Rhodium    | 103-1 | 5008340 | 5038701 | 4975358 | 5007466 | 0.63    | cps   |
| Rhodium    | 103-2 | 1700633 | 1733291 | 1733142 | 1722355 | 1.09    | cps   |
| Scandium   | 45-1  | 3754141 | 3730822 | 3726523 | 3737162 | 0.40    | cps   |
| Scandium   | 45-2  | 36825   | 37828   | 37865   | 37506   | 1.57    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 4       | 6       | 4       | 4       | 24.86   | cps   |
| Selenium   | 82-1  | -13     | 14      | -91     | -30     | -180.92 | cps   |
| Silicon    | 28-1  | 5325959 | 5272739 | 5294409 | 5297702 | 0.51    | cps   |
| Silver     | 109-1 | 158     | 208     | 167     | 178     | 15.07   | cps   |
| Silver     | 107-1 | 183     | 183     | 158     | 175     | 8.25    | cps   |
| Sodium     | 23-2  | 1221847 | 1214533 | 1205557 | 1213979 | 0.67    | cps   |
| Strontium  | 86-1  | 57380   | 55782   | 55715   | 56292   | 1.67    | cps   |
| Strontium  | 88-1  | 478071  | 465287  | 470361  | 471239  | 1.37    | cps   |
| Sulfur     | 34-1  | 498020  | 498417  | 495937  | 497458  | 0.27    | cps   |
| Terbium    | 159-1 | 5315594 | 5459918 | 5314374 | 5363295 | 1.56    | cps   |
| Terbium    | 159-2 | 1602704 | 1646763 | 1665206 | 1638224 | 1.96    | cps   |
| Thallium   | 203-1 | 150     | 183     | 150     | 161     | 11.94   | cps   |
| Thallium   | 205-1 | 358     | 450     | 317     | 375     | 18.19   | cps   |
| Tin        | 118-1 | 733     | 550     | 650     | 644     | 14.24   | cps   |
| Titanium   | 47-1  | 750     | 892     | 725     | 789     | 11.40   | cps   |
| Uranium    | 238-1 | 333     | 300     | 383     | 339     | 12.38   | cps   |
| Vanadium   | 51-2  | 57      | 67      | 110     | 78      | 36.45   | cps   |
| Yttrium    | 89-1  | 5996234 | 5803457 | 5797978 | 5865890 | 1.92    | cps   |
| Yttrium    | 89-2  | 246513  | 250419  | 250715  | 249216  | 0.94    | cps   |
| Zinc       | 66-2  | 2624    | 2537    | 2504    | 2555    | 2.43    | cps   |
| Zirconium  | 90-1  | 1709    | 1358    | 1509    | 1525    | 11.51   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-02             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-02-FL1-BR-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:11:23  | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 342  | 275  | 308     | 10.81  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-03 Instrumnet Name : P8  
 Client Sample ID : DC1296-03-FL1-BRCL2-Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:14:32 DataFile Name : 023SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 167     | 100     | 150     | 139     | 24.98  | cps   |
| Antimony   | 121-1 | 708     | 792     | 892     | 797     | 11.51  | cps   |
| Arsenic    | 75-2  | 54      | 69      | 41      | 54      | 25.59  | cps   |
| Barium     | 135-1 | 37362   | 36459   | 36961   | 36928   | 1.23   | cps   |
| Barium     | 137-1 | 63411   | 63746   | 63470   | 63543   | 0.28   | cps   |
| Beryllium  | 9-1   | 128     | 139     | 72      | 113     | 31.62  | cps   |
| Bismuth    | 209-1 | 2817927 | 2830300 | 2620301 | 2756176 | 4.28   | cps   |
| Bismuth    | 209-2 | 1213170 | 1212372 | 1199486 | 1208343 | 0.64   | cps   |
| Boron      | 10-1  | 1775    | 1892    | 1934    | 1867    | 4.40   | cps   |
| Boron      | 11-1  | 8620    | 8361    | 8937    | 8639    | 3.34   | cps   |
| Cadmium    | 111-1 | 975     | 1029    | 913     | 972     | 5.98   | cps   |
| Cadmium    | 106-1 | 1358    | 1433    | 1242    | 1345    | 7.18   | cps   |
| Cadmium    | 108-1 | 25      | 17      | 21      | 21      | 19.99  | cps   |
| Calcium    | 43-1  | 159580  | 156134  | 158984  | 158233  | 1.16   | cps   |
| Calcium    | 44-1  | 2709159 | 2660987 | 2650580 | 2673575 | 1.17   | cps   |
| Chromium   | 52-2  | 1180    | 1160    | 1137    | 1159    | 1.87   | cps   |
| Cobalt     | 59-2  | 123     | 117     | 70      | 103     | 28.12  | cps   |
| Copper     | 63-2  | 382521  | 381372  | 379752  | 381215  | 0.36   | cps   |
| Dysprosium | 156-1 | 58      | 17      | 25      | 33      | 66.14  | cps   |
| Dysprosium | 156-2 | 10      | 13      | 10      | 11      | 17.30  | cps   |
| Erbium     | 164-1 | 58      | 42      | 25      | 42      | 40.00  | cps   |
| Erbium     | 164-2 | 10      | 10      | 17      | 12      | 31.50  | cps   |
| Gadolinium | 160-1 | 117     | 83      | 83      | 94      | 20.37  | cps   |
| Gadolinium | 160-2 | 10      | 33      | 37      | 27      | 54.49  | cps   |
| Holmium    | 165-1 | 4998030 | 4918318 | 4745789 | 4887379 | 2.64   | cps   |
| Holmium    | 165-2 | 1674946 | 1634947 | 1658379 | 1656090 | 1.21   | cps   |
| Indium     | 115-1 | 5175024 | 5086828 | 4807813 | 5023221 | 3.82   | cps   |
| Indium     | 115-2 | 330362  | 332979  | 330125  | 331155  | 0.48   | cps   |
| Iron       | 56-2  | 21737   | 19771   | 19187   | 20231   | 6.60   | cps   |
| Iron       | 57-2  | 589     | 556     | 561     | 569     | 3.14   | cps   |
| Lead       | 206-1 | 4957    | 4868    | 4779    | 4868    | 1.83   | cps   |
| Lead       | 207-1 | 3995    | 4112    | 4301    | 4136    | 3.73   | cps   |
| Lead       | 208-1 | 19001   | 18467   | 18823   | 18763   | 1.45   | cps   |
| Lithium    | 6-1   | 938518  | 933220  | 873966  | 915235  | 3.92   | cps   |
| Magnesium  | 24-2  | 56003   | 55995   | 57208   | 56402   | 1.24   | cps   |
| Manganese  | 55-2  | 4087    | 4154    | 4057    | 4100    | 1.21   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-03             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-03-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:14:32  | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 542     | 425     | 692     | 553     | 24.18   | cps   |
| Molybdenum | 95-1  | 308     | 225     | 317     | 283     | 17.89   | cps   |
| Molybdenum | 96-1  | 250     | 425     | 342     | 339     | 25.83   | cps   |
| Molybdenum | 97-1  | 292     | 233     | 342     | 289     | 18.77   | cps   |
| Molybdenum | 98-1  | 408     | 275     | 425     | 369     | 22.25   | cps   |
| Neodymium  | 150-1 | 20      | 20      | 40      | 27      | 43.30   | cps   |
| Neodymium  | 150-2 | 10      | 3       | 7       | 7       | 50.03   | cps   |
| Nickel     | 60-2  | 1050    | 1097    | 1040    | 1062    | 2.85    | cps   |
| Phosphorus | 31-2  | 525     | 575     | 533     | 544     | 4.92    | cps   |
| Potassium  | 39-2  | 20674   | 20666   | 21033   | 20791   | 1.01    | cps   |
| Rhodium    | 103-1 | 5029451 | 5063158 | 4767198 | 4953269 | 3.27    | cps   |
| Rhodium    | 103-2 | 1712764 | 1723890 | 1729554 | 1722069 | 0.50    | cps   |
| Scandium   | 45-1  | 3703213 | 3727006 | 3429468 | 3619896 | 4.57    | cps   |
| Scandium   | 45-2  | 37751   | 37972   | 38874   | 38199   | 1.56    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 0       | 7       | 2       | 3       | 124.95  | cps   |
| Selenium   | 82-1  | 28      | -3      | -107    | -28     | -256.58 | cps   |
| Silicon    | 28-1  | 5401339 | 5462291 | 5304161 | 5389264 | 1.48    | cps   |
| Silver     | 109-1 | 425     | 400     | 425     | 417     | 3.46    | cps   |
| Silver     | 107-1 | 392     | 408     | 317     | 372     | 13.12   | cps   |
| Sodium     | 23-2  | 1223700 | 1222612 | 1218206 | 1221506 | 0.24    | cps   |
| Strontium  | 86-1  | 61138   | 62293   | 61715   | 61716   | 0.94    | cps   |
| Strontium  | 88-1  | 516010  | 517966  | 512816  | 515597  | 0.50    | cps   |
| Sulfur     | 34-1  | 495237  | 495087  | 491135  | 493820  | 0.47    | cps   |
| Terbium    | 159-1 | 5376043 | 5326327 | 5040165 | 5247512 | 3.45    | cps   |
| Terbium    | 159-2 | 1653432 | 1654263 | 1608851 | 1638849 | 1.59    | cps   |
| Thallium   | 203-1 | 125     | 133     | 125     | 128     | 3.76    | cps   |
| Thallium   | 205-1 | 225     | 358     | 250     | 278     | 25.51   | cps   |
| Tin        | 118-1 | 708     | 758     | 775     | 747     | 4.64    | cps   |
| Titanium   | 47-1  | 667     | 633     | 600     | 633     | 5.26    | cps   |
| Uranium    | 238-1 | 292     | 250     | 275     | 272     | 7.71    | cps   |
| Vanadium   | 51-2  | 103     | 80      | 93      | 92      | 12.70   | cps   |
| Yttrium    | 89-1  | 5905892 | 5848579 | 5496647 | 5750372 | 3.85    | cps   |
| Yttrium    | 89-2  | 250217  | 249646  | 247625  | 249163  | 0.55    | cps   |
| Zinc       | 66-2  | 8806    | 8996    | 9153    | 8985    | 1.93    | cps   |
| Zirconium  | 90-1  | 1317    | 1283    | 1183    | 1261    | 5.50    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-03             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-03-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:14:32  | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 258  | 258  | 269     | 7.14   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-04             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-04-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:17:40  | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 133     | 75      | 92      | 100     | 30.05  | cps   |
| Antimony   | 121-1 | 550     | 508     | 575     | 544     | 6.19   | cps   |
| Arsenic    | 75-2  | 54      | 57      | 48      | 53      | 8.78   | cps   |
| Barium     | 135-1 | 33886   | 33794   | 34655   | 34112   | 1.39   | cps   |
| Barium     | 137-1 | 58572   | 61679   | 59309   | 59853   | 2.71   | cps   |
| Beryllium  | 9-1   | 139     | 100     | 89      | 109     | 24.03  | cps   |
| Bismuth    | 209-1 | 2798032 | 2807439 | 2775549 | 2793673 | 0.59   | cps   |
| Bismuth    | 209-2 | 1206911 | 1200981 | 1113988 | 1173960 | 4.43   | cps   |
| Boron      | 10-1  | 1467    | 1634    | 1800    | 1634    | 10.20  | cps   |
| Boron      | 11-1  | 8011    | 7994    | 7486    | 7830    | 3.81   | cps   |
| Cadmium    | 111-1 | 893     | 1029    | 876     | 933     | 9.00   | cps   |
| Cadmium    | 106-1 | 1267    | 1425    | 1250    | 1314    | 7.35   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 17      | 11      | 43.34  | cps   |
| Calcium    | 43-1  | 151409  | 149900  | 148723  | 150011  | 0.90   | cps   |
| Calcium    | 44-1  | 2539008 | 2547547 | 2533796 | 2540117 | 0.27   | cps   |
| Chromium   | 52-2  | 1140    | 1187    | 1000    | 1109    | 8.76   | cps   |
| Cobalt     | 59-2  | 110     | 107     | 53      | 90      | 35.33  | cps   |
| Copper     | 63-2  | 197594  | 197150  | 197546  | 197430  | 0.12   | cps   |
| Dysprosium | 156-1 | 50      | 25      | 25      | 33      | 43.30  | cps   |
| Dysprosium | 156-2 | 7       | 10      | 27      | 14      | 74.18  | cps   |
| Erbium     | 164-1 | 42      | 67      | 58      | 56      | 22.91  | cps   |
| Erbium     | 164-2 | 23      | 10      | 17      | 17      | 39.99  | cps   |
| Gadolinium | 160-1 | 133     | 117     | 83      | 111     | 22.91  | cps   |
| Gadolinium | 160-2 | 20      | 17      | 40      | 26      | 49.38  | cps   |
| Holmium    | 165-1 | 4894408 | 4991914 | 4889266 | 4925196 | 1.17   | cps   |
| Holmium    | 165-2 | 1669807 | 1642201 | 1517381 | 1609796 | 5.05   | cps   |
| Indium     | 115-1 | 5113002 | 5068124 | 5050601 | 5077242 | 0.63   | cps   |
| Indium     | 115-2 | 327755  | 330764  | 304704  | 321074  | 4.44   | cps   |
| Iron       | 56-2  | 24918   | 24144   | 24484   | 24515   | 1.58   | cps   |
| Iron       | 57-2  | 622     | 728     | 611     | 654     | 9.85   | cps   |
| Lead       | 206-1 | 1139    | 1095    | 1111    | 1115    | 2.01   | cps   |
| Lead       | 207-1 | 889     | 1122    | 1022    | 1011    | 11.58  | cps   |
| Lead       | 208-1 | 4384    | 4650    | 4617    | 4550    | 3.19   | cps   |
| Lithium    | 6-1   | 939471  | 933648  | 929394  | 934171  | 0.54   | cps   |
| Magnesium  | 24-2  | 53711   | 54013   | 54162   | 53962   | 0.43   | cps   |
| Manganese  | 55-2  | 5531    | 5461    | 5454    | 5482    | 0.78   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-04 Instrumnet Name : P8  
 Client Sample ID : DC1296-04-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:17:40 DataFile Name : 024SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 450     | 642     | 475     | 522     | 19.95  | cps   |
| Molybdenum | 95-1  | 167     | 208     | 258     | 211     | 21.74  | cps   |
| Molybdenum | 96-1  | 308     | 267     | 317     | 297     | 9.01   | cps   |
| Molybdenum | 97-1  | 333     | 233     | 258     | 275     | 18.92  | cps   |
| Molybdenum | 98-1  | 400     | 358     | 283     | 347     | 17.03  | cps   |
| Neodymium  | 150-1 | 40      | 33      | 73      | 49      | 43.84  | cps   |
| Neodymium  | 150-2 | 3       | 7       | 13      | 8       | 65.47  | cps   |
| Nickel     | 60-2  | 303     | 223     | 320     | 282     | 18.31  | cps   |
| Phosphorus | 31-2  | 425     | 525     | 458     | 469     | 10.85  | cps   |
| Potassium  | 39-2  | 19489   | 20532   | 21083   | 20368   | 3.97   | cps   |
| Rhodium    | 103-1 | 4989050 | 5015149 | 4945850 | 4983349 | 0.70   | cps   |
| Rhodium    | 103-2 | 1702486 | 1709915 | 1580132 | 1664178 | 4.38   | cps   |
| Scandium   | 45-1  | 3682167 | 3694725 | 3688263 | 3688385 | 0.17   | cps   |
| Scandium   | 45-2  | 37798   | 37640   | 35007   | 36815   | 4.26   | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 0       | 4       | 4       | 2       | 86.60  | cps   |
| Selenium   | 82-1  | -25     | -133    | -126    | -94     | -64.13 | cps   |
| Silicon    | 28-1  | 5169003 | 5218290 | 5132178 | 5173157 | 0.84   | cps   |
| Silver     | 109-1 | 242     | 250     | 150     | 214     | 25.94  | cps   |
| Silver     | 107-1 | 225     | 267     | 192     | 228     | 16.50  | cps   |
| Sodium     | 23-2  | 1206071 | 1202449 | 1202832 | 1203784 | 0.17   | cps   |
| Strontium  | 86-1  | 58242   | 58769   | 57798   | 58270   | 0.83   | cps   |
| Strontium  | 88-1  | 489224  | 482140  | 486460  | 485941  | 0.73   | cps   |
| Sulfur     | 34-1  | 489538  | 488052  | 485823  | 487804  | 0.38   | cps   |
| Terbium    | 159-1 | 5345164 | 5341538 | 5248117 | 5311606 | 1.04   | cps   |
| Terbium    | 159-2 | 1647452 | 1630617 | 1482230 | 1586766 | 5.73   | cps   |
| Thallium   | 203-1 | 117     | 158     | 158     | 144     | 16.66  | cps   |
| Thallium   | 205-1 | 267     | 242     | 242     | 250     | 5.77   | cps   |
| Tin        | 118-1 | 400     | 408     | 575     | 461     | 21.41  | cps   |
| Titanium   | 47-1  | 733     | 825     | 858     | 806     | 8.04   | cps   |
| Uranium    | 238-1 | 333     | 258     | 283     | 292     | 13.09  | cps   |
| Vanadium   | 51-2  | 87      | 83      | 93      | 88      | 5.80   | cps   |
| Yttrium    | 89-1  | 5830978 | 5752689 | 5839961 | 5807876 | 0.83   | cps   |
| Yttrium    | 89-2  | 245808  | 248415  | 228292  | 240838  | 4.54   | cps   |
| Zinc       | 66-2  | 2010    | 1914    | 1970    | 1965    | 2.47   | cps   |
| Zirconium  | 90-1  | 1017    | 1117    | 850     | 995     | 13.55  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-04             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-04-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:17:40  | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 225  | 150  | 186     | 20.19  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-05-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:20:48  | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 108     | 108     | 83      | 100     | 14.43  | cps   |
| Antimony   | 121-1 | 658     | 642     | 508     | 603     | 13.64  | cps   |
| Arsenic    | 75-2  | 37      | 35      | 54      | 42      | 24.29  | cps   |
| Barium     | 135-1 | 34538   | 35908   | 34421   | 34955   | 2.37   | cps   |
| Barium     | 137-1 | 61334   | 60555   | 61594   | 61161   | 0.88   | cps   |
| Beryllium  | 9-1   | 117     | 100     | 139     | 119     | 16.46  | cps   |
| Bismuth    | 209-1 | 2790221 | 2793560 | 2744725 | 2776168 | 0.98   | cps   |
| Bismuth    | 209-2 | 1194169 | 1204475 | 1132117 | 1176920 | 3.33   | cps   |
| Boron      | 10-1  | 1608    | 1433    | 1642    | 1561    | 7.17   | cps   |
| Boron      | 11-1  | 7811    | 7210    | 8069    | 7697    | 5.72   | cps   |
| Cadmium    | 111-1 | 1151    | 989     | 859     | 1000    | 14.64  | cps   |
| Cadmium    | 106-1 | 1584    | 1350    | 1183    | 1372    | 14.64  | cps   |
| Cadmium    | 108-1 | 17      | 21      | 4       | 14      | 62.43  | cps   |
| Calcium    | 43-1  | 154507  | 153918  | 151737  | 153388  | 0.95   | cps   |
| Calcium    | 44-1  | 2602739 | 2606474 | 2591721 | 2600311 | 0.29   | cps   |
| Chromium   | 52-2  | 1130    | 1093    | 1087    | 1103    | 2.11   | cps   |
| Cobalt     | 59-2  | 147     | 137     | 163     | 149     | 9.05   | cps   |
| Copper     | 63-2  | 265521  | 265550  | 265170  | 265414  | 0.08   | cps   |
| Dysprosium | 156-1 | 42      | 25      | 50      | 39      | 32.73  | cps   |
| Dysprosium | 156-2 | 20      | 10      | 13      | 14      | 35.26  | cps   |
| Erbium     | 164-1 | 83      | 67      | 42      | 64      | 32.83  | cps   |
| Erbium     | 164-2 | 13      | 10      | 17      | 13      | 25.01  | cps   |
| Gadolinium | 160-1 | 83      | 100     | 75      | 86      | 14.78  | cps   |
| Gadolinium | 160-2 | 27      | 40      | 27      | 31      | 24.74  | cps   |
| Holmium    | 165-1 | 5003636 | 4927265 | 4918306 | 4949736 | 0.95   | cps   |
| Holmium    | 165-2 | 1607254 | 1634240 | 1544785 | 1595426 | 2.88   | cps   |
| Indium     | 115-1 | 5080835 | 5044756 | 4974048 | 5033213 | 1.08   | cps   |
| Indium     | 115-2 | 327816  | 328472  | 312856  | 323048  | 2.73   | cps   |
| Iron       | 56-2  | 17901   | 18096   | 18274   | 18090   | 1.03   | cps   |
| Iron       | 57-2  | 539     | 494     | 467     | 500     | 7.29   | cps   |
| Lead       | 206-1 | 8509    | 8987    | 8019    | 8505    | 5.69   | cps   |
| Lead       | 207-1 | 7280    | 7063    | 7325    | 7223    | 1.94   | cps   |
| Lead       | 208-1 | 33051   | 33563   | 32200   | 32938   | 2.09   | cps   |
| Lithium    | 6-1   | 936762  | 924986  | 900346  | 920698  | 2.02   | cps   |
| Magnesium  | 24-2  | 54463   | 55359   | 54246   | 54690   | 1.08   | cps   |
| Manganese  | 55-2  | 4734    | 4724    | 4534    | 4664    | 2.42   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-05 Instrumnet Name : P8  
 Client Sample ID : DC1296-05-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:20:48 DataFile Name : 025SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 533     | 425     | 558     | 506     | 14.02   | cps   |
| Molybdenum | 95-1  | 200     | 225     | 217     | 214     | 5.95    | cps   |
| Molybdenum | 96-1  | 392     | 333     | 442     | 389     | 13.94   | cps   |
| Molybdenum | 97-1  | 192     | 325     | 267     | 261     | 25.60   | cps   |
| Molybdenum | 98-1  | 292     | 308     | 383     | 328     | 14.90   | cps   |
| Neodymium  | 150-1 | 60      | 40      | 40      | 47      | 24.74   | cps   |
| Neodymium  | 150-2 | 10      | 3       | 3       | 6       | 69.34   | cps   |
| Nickel     | 60-2  | 2427    | 2504    | 2274    | 2401    | 4.88    | cps   |
| Phosphorus | 31-2  | 508     | 583     | 458     | 517     | 12.18   | cps   |
| Potassium  | 39-2  | 20466   | 20591   | 20132   | 20396   | 1.16    | cps   |
| Rhodium    | 103-1 | 5023368 | 4946039 | 4924086 | 4964498 | 1.05    | cps   |
| Rhodium    | 103-2 | 1695688 | 1699236 | 1601430 | 1665451 | 3.33    | cps   |
| Scandium   | 45-1  | 3696938 | 3680980 | 3680581 | 3686166 | 0.25    | cps   |
| Scandium   | 45-2  | 37310   | 36969   | 35880   | 36719   | 2.03    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 6       | 7       | 4       | 6       | 33.38   | cps   |
| Selenium   | 82-1  | 35      | -66     | -74     | -35     | -173.24 | cps   |
| Silicon    | 28-1  | 5112964 | 5166087 | 5221866 | 5166972 | 1.05    | cps   |
| Silver     | 109-1 | 208     | 283     | 325     | 272     | 21.72   | cps   |
| Silver     | 107-1 | 492     | 317     | 375     | 394     | 22.59   | cps   |
| Sodium     | 23-2  | 1207436 | 1211210 | 1208814 | 1209153 | 0.16    | cps   |
| Strontium  | 86-1  | 59414   | 59439   | 59171   | 59341   | 0.25    | cps   |
| Strontium  | 88-1  | 493487  | 498272  | 486401  | 492720  | 1.21    | cps   |
| Sulfur     | 34-1  | 488718  | 489968  | 490015  | 489567  | 0.15    | cps   |
| Terbium    | 159-1 | 5333670 | 5224210 | 5313613 | 5290498 | 1.10    | cps   |
| Terbium    | 159-2 | 1623515 | 1618242 | 1524335 | 1588698 | 3.51    | cps   |
| Thallium   | 203-1 | 225     | 108     | 167     | 167     | 35.00   | cps   |
| Thallium   | 205-1 | 333     | 242     | 308     | 294     | 16.09   | cps   |
| Tin        | 118-1 | 642     | 625     | 592     | 619     | 4.11    | cps   |
| Titanium   | 47-1  | 700     | 575     | 500     | 592     | 17.08   | cps   |
| Uranium    | 238-1 | 308     | 317     | 292     | 306     | 4.17    | cps   |
| Vanadium   | 51-2  | 127     | 93      | 80      | 100     | 24.04   | cps   |
| Yttrium    | 89-1  | 5762205 | 5730034 | 5674814 | 5722351 | 0.77    | cps   |
| Yttrium    | 89-2  | 243696  | 246074  | 232145  | 240638  | 3.10    | cps   |
| Zinc       | 66-2  | 40101   | 40573   | 40228   | 40301   | 0.61    | cps   |
| Zirconium  | 90-1  | 950     | 1067    | 1233    | 1083    | 13.14   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-05-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:20:48  | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 333  | 142  | 250     | 39.30  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-06 Instrumnet Name : P8  
 Client Sample ID : DC1296-06-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:23:58 DataFile Name : 026SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 142     | 158     | 92      | 131     | 26.57  | cps   |
| Antimony   | 121-1 | 483     | 442     | 517     | 481     | 7.82   | cps   |
| Arsenic    | 75-2  | 43      | 48      | 65      | 52      | 22.31  | cps   |
| Barium     | 135-1 | 34061   | 34229   | 33118   | 33803   | 1.77   | cps   |
| Barium     | 137-1 | 59124   | 57911   | 56873   | 57969   | 1.94   | cps   |
| Beryllium  | 9-1   | 67      | 83      | 72      | 74      | 11.46  | cps   |
| Bismuth    | 209-1 | 2826595 | 2728390 | 2735592 | 2763526 | 1.98   | cps   |
| Bismuth    | 209-2 | 1193685 | 1128132 | 1200961 | 1174259 | 3.42   | cps   |
| Boron      | 10-1  | 1500    | 1634    | 1617    | 1583    | 4.59   | cps   |
| Boron      | 11-1  | 7077    | 7494    | 7411    | 7327    | 3.01   | cps   |
| Cadmium    | 111-1 | 922     | 1000    | 983     | 968     | 4.26   | cps   |
| Cadmium    | 106-1 | 1283    | 1417    | 1383    | 1361    | 5.10   | cps   |
| Cadmium    | 108-1 | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Calcium    | 43-1  | 148731  | 148318  | 146288  | 147779  | 0.88   | cps   |
| Calcium    | 44-1  | 2507006 | 2540765 | 2481762 | 2509844 | 1.18   | cps   |
| Chromium   | 52-2  | 1233    | 1030    | 963     | 1076    | 13.08  | cps   |
| Cobalt     | 59-2  | 120     | 87      | 97      | 101     | 16.92  | cps   |
| Copper     | 63-2  | 161888  | 159166  | 160552  | 160535  | 0.85   | cps   |
| Dysprosium | 156-1 | 17      | 58      | 50      | 42      | 52.91  | cps   |
| Dysprosium | 156-2 | 20      | 17      | 13      | 17      | 20.01  | cps   |
| Erbium     | 164-1 | 75      | 50      | 42      | 56      | 31.22  | cps   |
| Erbium     | 164-2 | 13      | 10      | 13      | 12      | 15.73  | cps   |
| Gadolinium | 160-1 | 125     | 75      | 125     | 108     | 26.65  | cps   |
| Gadolinium | 160-2 | 30      | 30      | 20      | 27      | 21.65  | cps   |
| Holmium    | 165-1 | 4933676 | 4882731 | 4905100 | 4907169 | 0.52   | cps   |
| Holmium    | 165-2 | 1657901 | 1530875 | 1635865 | 1608214 | 4.22   | cps   |
| Indium     | 115-1 | 5142383 | 5046778 | 4981566 | 5056909 | 1.60   | cps   |
| Indium     | 115-2 | 325437  | 307679  | 329980  | 321032  | 3.67   | cps   |
| Iron       | 56-2  | 21606   | 21823   | 21244   | 21558   | 1.36   | cps   |
| Iron       | 57-2  | 550     | 628     | 550     | 576     | 7.80   | cps   |
| Lead       | 206-1 | 1367    | 1439    | 1211    | 1339    | 8.69   | cps   |
| Lead       | 207-1 | 1222    | 1195    | 1261    | 1226    | 2.73   | cps   |
| Lead       | 208-1 | 5684    | 5467    | 5523    | 5558    | 2.02   | cps   |
| Lithium    | 6-1   | 937858  | 925392  | 917876  | 927042  | 1.09   | cps   |
| Magnesium  | 24-2  | 53109   | 54522   | 53769   | 53800   | 1.31   | cps   |
| Manganese  | 55-2  | 4841    | 4954    | 4871    | 4889    | 1.20   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-06 Instrumnet Name : P8  
 Client Sample ID : DC1296-06-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:23:58 DataFile Name : 026SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 442     | 492     | 450     | 461     | 5.81   | cps   |
| Molybdenum | 95-1  | 175     | 200     | 192     | 189     | 6.74   | cps   |
| Molybdenum | 96-1  | 217     | 350     | 208     | 258     | 30.77  | cps   |
| Molybdenum | 97-1  | 183     | 200     | 258     | 214     | 18.41  | cps   |
| Molybdenum | 98-1  | 267     | 325     | 208     | 267     | 21.87  | cps   |
| Neodymium  | 150-1 | 73      | 60      | 67      | 67      | 10.00  | cps   |
| Neodymium  | 150-2 | 10      | 3       | 10      | 8       | 49.52  | cps   |
| Nickel     | 60-2  | 217     | 233     | 227     | 226     | 3.72   | cps   |
| Phosphorus | 31-2  | 375     | 692     | 417     | 494     | 34.80  | cps   |
| Potassium  | 39-2  | 19806   | 20674   | 20224   | 20235   | 2.15   | cps   |
| Rhodium    | 103-1 | 4962719 | 4921466 | 4871836 | 4918674 | 0.93   | cps   |
| Rhodium    | 103-2 | 1698766 | 1599888 | 1697569 | 1665408 | 3.41   | cps   |
| Scandium   | 45-1  | 3734366 | 3635393 | 3643992 | 3671251 | 1.49   | cps   |
| Scandium   | 45-2  | 37597   | 34209   | 37527   | 36444   | 5.31   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 6       | 11      | 7       | 56.78  | cps   |
| Selenium   | 82-1  | -76     | -49     | -87     | -71     | -27.64 | cps   |
| Silicon    | 28-1  | 5173522 | 5060318 | 5126842 | 5120227 | 1.11   | cps   |
| Silver     | 109-1 | 200     | 225     | 117     | 181     | 31.42  | cps   |
| Silver     | 107-1 | 217     | 167     | 158     | 181     | 17.48  | cps   |
| Sodium     | 23-2  | 1200621 | 1198991 | 1182509 | 1194040 | 0.84   | cps   |
| Strontium  | 86-1  | 58100   | 55765   | 57120   | 56995   | 2.06   | cps   |
| Strontium  | 88-1  | 483357  | 469147  | 474602  | 475702  | 1.51   | cps   |
| Sulfur     | 34-1  | 487390  | 485119  | 486836  | 486448  | 0.24   | cps   |
| Terbium    | 159-1 | 5404181 | 5198949 | 5235727 | 5279619 | 2.07   | cps   |
| Terbium    | 159-2 | 1656270 | 1520883 | 1594995 | 1590716 | 4.26   | cps   |
| Thallium   | 203-1 | 67      | 158     | 142     | 122     | 39.95  | cps   |
| Thallium   | 205-1 | 392     | 333     | 233     | 319     | 25.07  | cps   |
| Tin        | 118-1 | 667     | 600     | 425     | 564     | 22.14  | cps   |
| Titanium   | 47-1  | 725     | 675     | 700     | 700     | 3.57   | cps   |
| Uranium    | 238-1 | 275     | 350     | 217     | 281     | 23.83  | cps   |
| Vanadium   | 51-2  | 90      | 53      | 83      | 76      | 25.85  | cps   |
| Yttrium    | 89-1  | 5800851 | 5736056 | 5740251 | 5759052 | 0.63   | cps   |
| Yttrium    | 89-2  | 246391  | 231231  | 247520  | 241714  | 3.76   | cps   |
| Zinc       | 66-2  | 2487    | 2324    | 2627    | 2479    | 6.12   | cps   |
| Zirconium  | 90-1  | 1050    | 900     | 842     | 931     | 11.55  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-06             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-06-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:23:58  | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 242  | 158  | 194     | 21.99  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-07 Instrumnet Name : P8  
 Client Sample ID : DC1296-07-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:27:06 DataFile Name : 027SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 200     | 142     | 125     | 156     | 25.32  | cps   |
| Antimony   | 121-1 | 667     | 667     | 658     | 664     | 0.72   | cps   |
| Arsenic    | 75-2  | 54      | 63      | 43      | 53      | 19.21  | cps   |
| Barium     | 135-1 | 36577   | 36058   | 36042   | 36226   | 0.84   | cps   |
| Barium     | 137-1 | 63378   | 65087   | 62181   | 63548   | 2.30   | cps   |
| Beryllium  | 9-1   | 106     | 106     | 67      | 93      | 24.25  | cps   |
| Bismuth    | 209-1 | 2820771 | 2824231 | 2803040 | 2816014 | 0.40   | cps   |
| Bismuth    | 209-2 | 1221304 | 1228130 | 1210788 | 1220074 | 0.72   | cps   |
| Boron      | 10-1  | 1600    | 1700    | 1217    | 1506    | 16.95  | cps   |
| Boron      | 11-1  | 7210    | 6919    | 7552    | 7227    | 4.39   | cps   |
| Cadmium    | 111-1 | 1055    | 977     | 1070    | 1034    | 4.82   | cps   |
| Cadmium    | 106-1 | 1408    | 1300    | 1400    | 1370    | 4.40   | cps   |
| Cadmium    | 108-1 | 8       | 29      | 8       | 15      | 78.76  | cps   |
| Calcium    | 43-1  | 153973  | 154315  | 153153  | 153814  | 0.39   | cps   |
| Calcium    | 44-1  | 2639104 | 2581586 | 2582723 | 2601138 | 1.26   | cps   |
| Chromium   | 52-2  | 1007    | 1013    | 1037    | 1019    | 1.55   | cps   |
| Cobalt     | 59-2  | 97      | 100     | 113     | 103     | 8.54   | cps   |
| Copper     | 63-2  | 346943  | 342961  | 343435  | 344446  | 0.63   | cps   |
| Dysprosium | 156-1 | 83      | 92      | 108     | 94      | 13.48  | cps   |
| Dysprosium | 156-2 | 23      | 20      | 17      | 20      | 16.65  | cps   |
| Erbium     | 164-1 | 83      | 108     | 75      | 89      | 19.51  | cps   |
| Erbium     | 164-2 | 13      | 10      | 33      | 19      | 66.81  | cps   |
| Gadolinium | 160-1 | 192     | 117     | 142     | 150     | 25.46  | cps   |
| Gadolinium | 160-2 | 43      | 37      | 50      | 43      | 15.38  | cps   |
| Holmium    | 165-1 | 5028146 | 4948569 | 4954742 | 4977152 | 0.89   | cps   |
| Holmium    | 165-2 | 1683848 | 1693642 | 1666505 | 1681332 | 0.82   | cps   |
| Indium     | 115-1 | 5154422 | 5131161 | 5155258 | 5146947 | 0.27   | cps   |
| Indium     | 115-2 | 327529  | 330176  | 329106  | 328937  | 0.40   | cps   |
| Iron       | 56-2  | 30102   | 30028   | 29355   | 29829   | 1.38   | cps   |
| Iron       | 57-2  | 833     | 744     | 711     | 763     | 8.28   | cps   |
| Lead       | 206-1 | 6813    | 6135    | 6185    | 6378    | 5.93   | cps   |
| Lead       | 207-1 | 5301    | 5018    | 4979    | 5099    | 3.45   | cps   |
| Lead       | 208-1 | 25427   | 24655   | 24154   | 24746   | 2.59   | cps   |
| Lithium    | 6-1   | 921538  | 948588  | 926218  | 932115  | 1.55   | cps   |
| Magnesium  | 24-2  | 55258   | 54112   | 55509   | 54960   | 1.36   | cps   |
| Manganese  | 55-2  | 9070    | 9130    | 8936    | 9045    | 1.09   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-07 Instrumnet Name : P8  
 Client Sample ID : DC1296-07-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:27:06 DataFile Name : 027SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 392     | 492     | 467     | 450     | 11.57  | cps   |
| Molybdenum | 95-1  | 167     | 150     | 175     | 164     | 7.77   | cps   |
| Molybdenum | 96-1  | 258     | 283     | 308     | 283     | 8.82   | cps   |
| Molybdenum | 97-1  | 217     | 242     | 142     | 200     | 26.02  | cps   |
| Molybdenum | 98-1  | 233     | 250     | 283     | 256     | 9.96   | cps   |
| Neodymium  | 150-1 | 107     | 60      | 53      | 73      | 39.62  | cps   |
| Neodymium  | 150-2 | 13      | 7       | 7       | 9       | 43.25  | cps   |
| Nickel     | 60-2  | 1767    | 1780    | 1733    | 1760    | 1.37   | cps   |
| Phosphorus | 31-2  | 558     | 475     | 383     | 472     | 18.54  | cps   |
| Potassium  | 39-2  | 20032   | 20941   | 20808   | 20594   | 2.39   | cps   |
| Rhodium    | 103-1 | 5023389 | 4979494 | 4945187 | 4982690 | 0.79   | cps   |
| Rhodium    | 103-2 | 1731660 | 1708054 | 1713871 | 1717862 | 0.72   | cps   |
| Scandium   | 45-1  | 3720731 | 3653548 | 3697303 | 3690527 | 0.92   | cps   |
| Scandium   | 45-2  | 37644   | 37346   | 37908   | 37633   | 0.75   | cps   |
| Selenium   | 77-2  | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 4       | 0       | 2       | 86.60  | cps   |
| Selenium   | 82-1  | -45     | -114    | -79     | -80     | -43.25 | cps   |
| Silicon    | 28-1  | 5282431 | 5188913 | 5269926 | 5247090 | 0.97   | cps   |
| Silver     | 109-1 | 392     | 367     | 400     | 386     | 4.49   | cps   |
| Silver     | 107-1 | 375     | 383     | 383     | 381     | 1.26   | cps   |
| Sodium     | 23-2  | 1236256 | 1219879 | 1225260 | 1227132 | 0.68   | cps   |
| Strontium  | 86-1  | 58786   | 59556   | 58710   | 59017   | 0.79   | cps   |
| Strontium  | 88-1  | 499905  | 501203  | 498702  | 499937  | 0.25   | cps   |
| Sulfur     | 34-1  | 486169  | 484036  | 484459  | 484888  | 0.23   | cps   |
| Terbium    | 159-1 | 5366127 | 5317396 | 5283338 | 5322287 | 0.78   | cps   |
| Terbium    | 159-2 | 1681460 | 1688967 | 1644134 | 1671521 | 1.44   | cps   |
| Thallium   | 203-1 | 75      | 100     | 117     | 97      | 21.57  | cps   |
| Thallium   | 205-1 | 392     | 233     | 283     | 303     | 26.73  | cps   |
| Tin        | 118-1 | 617     | 592     | 583     | 597     | 2.91   | cps   |
| Titanium   | 47-1  | 883     | 742     | 758     | 795     | 9.75   | cps   |
| Uranium    | 238-1 | 358     | 383     | 283     | 342     | 15.23  | cps   |
| Vanadium   | 51-2  | 83      | 80      | 107     | 90      | 16.14  | cps   |
| Yttrium    | 89-1  | 5857966 | 5908902 | 5827888 | 5864919 | 0.70   | cps   |
| Yttrium    | 89-2  | 249023  | 249843  | 245798  | 248222  | 0.86   | cps   |
| Zinc       | 66-2  | 16310   | 15793   | 16263   | 16122   | 1.77   | cps   |
| Zirconium  | 90-1  | 1167    | 1150    | 875     | 1064    | 15.40  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-07             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-07-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:27:06  | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 300  | 242  | 208  | 250     | 18.56  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 13:30:15 | DataFile Name :   | 028CCV.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 0       | 17      | 14      | 91.65  | cps   |
| Antimony   | 121-1 | 83      | 75      | 75      | 78      | 6.19   | cps   |
| Arsenic    | 75-2  | 6       | 6       | 9       | 7       | 31.45  | cps   |
| Barium     | 135-1 | 42      | 92      | 33      | 56      | 56.79  | cps   |
| Barium     | 137-1 | 83      | 42      | 100     | 75      | 40.06  | cps   |
| Beryllium  | 9-1   | 56      | 89      | 83      | 76      | 23.52  | cps   |
| Bismuth    | 209-1 | 2557623 | 2584937 | 2509885 | 2550815 | 1.49   | cps   |
| Bismuth    | 209-2 | 1123675 | 1126946 | 1136492 | 1129038 | 0.59   | cps   |
| Boron      | 10-1  | 983     | 783     | 1017    | 928     | 13.60  | cps   |
| Boron      | 11-1  | 3559    | 3576    | 3409    | 3514    | 2.61   | cps   |
| Cadmium    | 111-1 | 822     | 850     | 900     | 857     | 4.58   | cps   |
| Cadmium    | 106-1 | 1175    | 1208    | 1300    | 1228    | 5.27   | cps   |
| Cadmium    | 108-1 | 13      | 13      | 21      | 15      | 31.48  | cps   |
| Calcium    | 43-1  | 5143    | 4626    | 4909    | 4893    | 5.29   | cps   |
| Calcium    | 44-1  | 82451   | 83205   | 84177   | 83277   | 1.04   | cps   |
| Chromium   | 52-2  | 853     | 937     | 1000    | 930     | 7.91   | cps   |
| Cobalt     | 59-2  | 80      | 70      | 107     | 86      | 22.16  | cps   |
| Copper     | 63-2  | 687     | 667     | 637     | 663     | 3.79   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 8       | 14      | 69.31  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 17      | 17      | 19      | 24.73  | cps   |
| Erbium     | 164-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Gadolinium | 160-1 | 83      | 42      | 67      | 64      | 32.83  | cps   |
| Gadolinium | 160-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Holmium    | 165-1 | 4570383 | 4574777 | 4454382 | 4533181 | 1.51   | cps   |
| Holmium    | 165-2 | 1505507 | 1520644 | 1524725 | 1516959 | 0.67   | cps   |
| Indium     | 115-1 | 4712966 | 4785986 | 4569082 | 4689344 | 2.35   | cps   |
| Indium     | 115-2 | 303460  | 308657  | 309354  | 307157  | 1.05   | cps   |
| Iron       | 56-2  | 3439    | 3478    | 3228    | 3382    | 3.98   | cps   |
| Iron       | 57-2  | 111     | 122     | 61      | 98      | 33.17  | cps   |
| Lead       | 206-1 | 2007482 | 2005715 | 1985600 | 1999599 | 0.61   | cps   |
| Lead       | 207-1 | 1837657 | 1778974 | 1813679 | 1810103 | 1.63   | cps   |
| Lead       | 208-1 | 8173692 | 8021090 | 8146512 | 8113765 | 1.00   | cps   |
| Lithium    | 6-1   | 842499  | 848477  | 815680  | 835552  | 2.09   | cps   |
| Magnesium  | 24-2  | 67      | 150     | 133     | 117     | 37.80  | cps   |
| Manganese  | 55-2  | 57      | 87      | 80      | 74      | 21.16  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 13:30:15 | DataFile Name :   | 028CCV.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 283     | 192     | 225     | 233     | 19.88   | cps   |
| Molybdenum | 95-1  | 33      | 25      | 33      | 31      | 15.75   | cps   |
| Molybdenum | 96-1  | 108     | 58      | 75      | 81      | 31.60   | cps   |
| Molybdenum | 97-1  | 142     | 150     | 125     | 139     | 9.16    | cps   |
| Molybdenum | 98-1  | 25      | 67      | 25      | 39      | 61.86   | cps   |
| Neodymium  | 150-1 | 13      | 20      | 13      | 16      | 24.76   | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 87      | 70      | 90      | 82      | 13.03   | cps   |
| Phosphorus | 31-2  | 42      | 0       | 8       | 17      | 132.30  | cps   |
| Potassium  | 39-2  | 4418    | 4359    | 4484    | 4420    | 1.42    | cps   |
| Rhodium    | 103-1 | 4660865 | 4669884 | 4506881 | 4612543 | 1.99    | cps   |
| Rhodium    | 103-2 | 1578276 | 1604579 | 1620312 | 1601055 | 1.33    | cps   |
| Scandium   | 45-1  | 3409643 | 3406760 | 3193576 | 3336660 | 3.71    | cps   |
| Scandium   | 45-2  | 34827   | 34693   | 35348   | 34956   | 0.99    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 0       | 2       | 0       | 1       | 173.21  | cps   |
| Selenium   | 82-1  | -147    | 105     | -93     | -45     | -297.28 | cps   |
| Silicon    | 28-1  | 555605  | 561443  | 557296  | 558115  | 0.54    | cps   |
| Silver     | 109-1 | 117     | 83      | 150     | 117     | 28.57   | cps   |
| Silver     | 107-1 | 100     | 58      | 175     | 111     | 53.21   | cps   |
| Sodium     | 23-2  | 11038   | 10554   | 10229   | 10607   | 3.84    | cps   |
| Strontium  | 86-1  | 1433    | 1433    | 1367    | 1411    | 2.73    | cps   |
| Strontium  | 88-1  | 175     | 267     | 200     | 214     | 22.15   | cps   |
| Sulfur     | 34-1  | 434345  | 427942  | 434118  | 432135  | 0.84    | cps   |
| Terbium    | 159-1 | 4929743 | 4887156 | 4745967 | 4854289 | 1.98    | cps   |
| Terbium    | 159-2 | 1490706 | 1495802 | 1512014 | 1499507 | 0.74    | cps   |
| Thallium   | 203-1 | 117     | 167     | 125     | 136     | 19.68   | cps   |
| Thallium   | 205-1 | 358     | 292     | 358     | 336     | 11.45   | cps   |
| Tin        | 118-1 | 3259    | 3142    | 3109    | 3170    | 2.48    | cps   |
| Titanium   | 47-1  | 225     | 200     | 250     | 225     | 11.11   | cps   |
| Uranium    | 238-1 | 42      | 75      | 42      | 53      | 36.46   | cps   |
| Vanadium   | 51-2  | 10      | 13      | 20      | 14      | 35.26   | cps   |
| Yttrium    | 89-1  | 5339466 | 5368952 | 5180173 | 5296197 | 1.92    | cps   |
| Yttrium    | 89-2  | 229928  | 231121  | 234610  | 231887  | 1.05    | cps   |
| Zinc       | 66-2  | 73      | 67      | 83      | 74      | 11.27   | cps   |
| Zirconium  | 90-1  | 350     | 492     | 1018    | 620     | 56.75   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 13:30:15 | DataFile Name :   | 028CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 67   | 100  | 150  | 106     | 39.74  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:33:24 | DataFile Name :   | 029CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 67      | 8       | 8       | 28      | 121.26 | cps   |
| Antimony   | 121-1 | 92      | 92      | 58      | 81      | 23.89  | cps   |
| Arsenic    | 75-2  | 6       | 4       | 7       | 6       | 33.38  | cps   |
| Barium     | 135-1 | 17      | 8       | 25      | 17      | 50.01  | cps   |
| Barium     | 137-1 | 75      | 25      | 33      | 44      | 60.28  | cps   |
| Beryllium  | 9-1   | 128     | 67      | 89      | 94      | 32.75  | cps   |
| Bismuth    | 209-1 | 2590044 | 2597611 | 2537557 | 2575071 | 1.27   | cps   |
| Bismuth    | 209-2 | 1137144 | 1129765 | 1150283 | 1139064 | 0.91   | cps   |
| Boron      | 10-1  | 708     | 642     | 675     | 675     | 4.94   | cps   |
| Boron      | 11-1  | 3000    | 3126    | 2884    | 3003    | 4.03   | cps   |
| Cadmium    | 111-1 | 1011    | 904     | 875     | 930     | 7.67   | cps   |
| Cadmium    | 106-1 | 1450    | 1300    | 1258    | 1336    | 7.54   | cps   |
| Cadmium    | 108-1 | 13      | 21      | 8       | 14      | 45.83  | cps   |
| Calcium    | 43-1  | 4818    | 4526    | 5201    | 4848    | 6.98   | cps   |
| Calcium    | 44-1  | 83356   | 81999   | 81110   | 82155   | 1.38   | cps   |
| Chromium   | 52-2  | 910     | 880     | 990     | 927     | 6.14   | cps   |
| Cobalt     | 59-2  | 83      | 73      | 97      | 84      | 13.87  | cps   |
| Copper     | 63-2  | 513     | 643     | 577     | 578     | 11.25  | cps   |
| Dysprosium | 156-1 | 0       | 17      | 25      | 14      | 91.65  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Erbium     | 164-2 | 0       | 0       | 10      | 3       | 173.21 | cps   |
| Gadolinium | 160-1 | 75      | 75      | 33      | 61      | 39.37  | cps   |
| Gadolinium | 160-2 | 0       | 3       | 10      | 4       | 114.60 | cps   |
| Holmium    | 165-1 | 4574664 | 4612142 | 4650356 | 4612387 | 0.82   | cps   |
| Holmium    | 165-2 | 1525501 | 1520465 | 1525705 | 1523890 | 0.19   | cps   |
| Indium     | 115-1 | 4725769 | 4760588 | 4710218 | 4732192 | 0.55   | cps   |
| Indium     | 115-2 | 309779  | 313409  | 313297  | 312162  | 0.66   | cps   |
| Iron       | 56-2  | 3423    | 3139    | 3000    | 3187    | 6.75   | cps   |
| Iron       | 57-2  | 94      | 39      | 94      | 76      | 42.25  | cps   |
| Lead       | 206-1 | 467     | 589     | 406     | 487     | 19.17  | cps   |
| Lead       | 207-1 | 489     | 394     | 511     | 465     | 13.33  | cps   |
| Lead       | 208-1 | 2006    | 2078    | 1967    | 2017    | 2.80   | cps   |
| Lithium    | 6-1   | 848722  | 850364  | 848233  | 849107  | 0.13   | cps   |
| Magnesium  | 24-2  | 133     | 117     | 175     | 142     | 21.21  | cps   |
| Manganese  | 55-2  | 33      | 67      | 63      | 54      | 33.72  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:33:24 | DataFile Name :   | 029CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 217     | 200     | 142     | 186     | 21.16   | cps   |
| Molybdenum | 95-1  | 33      | 33      | 17      | 28      | 34.63   | cps   |
| Molybdenum | 96-1  | 33      | 75      | 75      | 61      | 39.37   | cps   |
| Molybdenum | 97-1  | 108     | 100     | 142     | 117     | 18.90   | cps   |
| Molybdenum | 98-1  | 33      | 50      | 0       | 28      | 91.65   | cps   |
| Neodymium  | 150-1 | 27      | 20      | 7       | 18      | 57.27   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 120     | 67      | 87      | 91      | 29.57   | cps   |
| Phosphorus | 31-2  | 33      | 0       | 33      | 22      | 86.60   | cps   |
| Potassium  | 39-2  | 4626    | 4593    | 4484    | 4568    | 1.62    | cps   |
| Rhodium    | 103-1 | 4643164 | 4659550 | 4712337 | 4671684 | 0.77    | cps   |
| Rhodium    | 103-2 | 1631434 | 1622135 | 1608320 | 1620630 | 0.72    | cps   |
| Scandium   | 45-1  | 3453126 | 3434988 | 3425093 | 3437736 | 0.41    | cps   |
| Scandium   | 45-2  | 36033   | 35702   | 35592   | 35776   | 0.64    | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 6       | 2       | 6       | 4       | 49.54   | cps   |
| Selenium   | 82-1  | 48      | -82     | -97     | -44     | -181.86 | cps   |
| Silicon    | 28-1  | 549359  | 545862  | 536258  | 543826  | 1.25    | cps   |
| Silver     | 109-1 | 50      | 108     | 92      | 83      | 36.06   | cps   |
| Silver     | 107-1 | 167     | 175     | 67      | 136     | 44.29   | cps   |
| Sodium     | 23-2  | 10438   | 10596   | 10137   | 10390   | 2.24    | cps   |
| Strontium  | 86-1  | 1433    | 1250    | 1400    | 1361    | 7.18    | cps   |
| Strontium  | 88-1  | 183     | 158     | 175     | 172     | 7.39    | cps   |
| Sulfur     | 34-1  | 442972  | 442781  | 441731  | 442495  | 0.15    | cps   |
| Terbium    | 159-1 | 4942144 | 4916648 | 4962301 | 4940364 | 0.46    | cps   |
| Terbium    | 159-2 | 1510746 | 1578920 | 1527586 | 1539084 | 2.31    | cps   |
| Thallium   | 203-1 | 67      | 158     | 142     | 122     | 39.95   | cps   |
| Thallium   | 205-1 | 250     | 258     | 208     | 239     | 11.21   | cps   |
| Tin        | 118-1 | 767     | 692     | 742     | 733     | 5.21    | cps   |
| Titanium   | 47-1  | 183     | 242     | 192     | 206     | 15.35   | cps   |
| Uranium    | 238-1 | 42      | 33      | 42      | 39      | 12.38   | cps   |
| Vanadium   | 51-2  | 10      | 37      | 7       | 18      | 92.48   | cps   |
| Yttrium    | 89-1  | 5440696 | 5415357 | 5424290 | 5426781 | 0.24    | cps   |
| Yttrium    | 89-2  | 233279  | 234077  | 237508  | 234954  | 0.96    | cps   |
| Zinc       | 66-2  | 37      | 43      | 33      | 38      | 13.48   | cps   |
| Zirconium  | 90-1  | 325     | 325     | 342     | 331     | 2.91    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:33:24 | DataFile Name :   | 029CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 133  | 50   | 86      | 49.67  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-08 Instrumnet Name : P8  
 Client Sample ID : DC1296-08-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:36:34 DataFile Name : 030SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 175     | 150     | 242     | 189     | 25.09  | cps   |
| Antimony   | 121-1 | 525     | 667     | 483     | 558     | 17.21  | cps   |
| Arsenic    | 75-2  | 69      | 46      | 35      | 50      | 33.94  | cps   |
| Barium     | 135-1 | 33894   | 33719   | 34103   | 33906   | 0.57   | cps   |
| Barium     | 137-1 | 58582   | 57258   | 58689   | 58177   | 1.37   | cps   |
| Beryllium  | 9-1   | 111     | 83      | 94      | 96      | 14.51  | cps   |
| Bismuth    | 209-1 | 2792975 | 2813208 | 2744646 | 2783609 | 1.27   | cps   |
| Bismuth    | 209-2 | 1203433 | 1203727 | 1189210 | 1198790 | 0.69   | cps   |
| Boron      | 10-1  | 1408    | 1567    | 1500    | 1492    | 5.33   | cps   |
| Boron      | 11-1  | 6869    | 6752    | 6643    | 6755    | 1.67   | cps   |
| Cadmium    | 111-1 | 949     | 1088    | 862     | 966     | 11.81  | cps   |
| Cadmium    | 106-1 | 1342    | 1534    | 1217    | 1364    | 11.70  | cps   |
| Cadmium    | 108-1 | 4       | 8       | 21      | 11      | 78.05  | cps   |
| Calcium    | 43-1  | 152191  | 154654  | 151402  | 152749  | 1.11   | cps   |
| Calcium    | 44-1  | 2608290 | 2595728 | 2574540 | 2592853 | 0.66   | cps   |
| Chromium   | 52-2  | 1043    | 1053    | 1050    | 1049    | 0.49   | cps   |
| Cobalt     | 59-2  | 97      | 57      | 117     | 90      | 33.94  | cps   |
| Copper     | 63-2  | 176575  | 176102  | 174675  | 175784  | 0.56   | cps   |
| Dysprosium | 156-1 | 58      | 50      | 83      | 64      | 27.15  | cps   |
| Dysprosium | 156-2 | 20      | 27      | 33      | 27      | 24.99  | cps   |
| Erbium     | 164-1 | 50      | 58      | 42      | 50      | 16.67  | cps   |
| Erbium     | 164-2 | 27      | 7       | 10      | 14      | 74.18  | cps   |
| Gadolinium | 160-1 | 92      | 150     | 117     | 119     | 24.50  | cps   |
| Gadolinium | 160-2 | 33      | 27      | 40      | 33      | 20.00  | cps   |
| Holmium    | 165-1 | 4994723 | 5015925 | 4947867 | 4986172 | 0.70   | cps   |
| Holmium    | 165-2 | 1640037 | 1614477 | 1627244 | 1627253 | 0.79   | cps   |
| Indium     | 115-1 | 5128794 | 5059912 | 5064735 | 5084481 | 0.76   | cps   |
| Indium     | 115-2 | 332508  | 331070  | 328247  | 330608  | 0.66   | cps   |
| Iron       | 56-2  | 22854   | 23288   | 21856   | 22666   | 3.24   | cps   |
| Iron       | 57-2  | 639     | 633     | 550     | 607     | 8.20   | cps   |
| Lead       | 206-1 | 1217    | 1033    | 1195    | 1148    | 8.71   | cps   |
| Lead       | 207-1 | 889     | 995     | 922     | 935     | 5.77   | cps   |
| Lead       | 208-1 | 4234    | 4445    | 4567    | 4415    | 3.82   | cps   |
| Lithium    | 6-1   | 944555  | 950923  | 921474  | 938984  | 1.65   | cps   |
| Magnesium  | 24-2  | 55249   | 55041   | 55433   | 55241   | 0.36   | cps   |
| Manganese  | 55-2  | 4704    | 4971    | 4691    | 4789    | 3.30   | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-08 Instrumnet Name : P8  
 Client Sample ID : DC1296-08-FL1-BRCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:36:34 DataFile Name : 030SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 350     | 517     | 300     | 389     | 29.17   | cps   |
| Molybdenum | 95-1  | 192     | 183     | 117     | 164     | 25.08   | cps   |
| Molybdenum | 96-1  | 325     | 308     | 275     | 303     | 8.41    | cps   |
| Molybdenum | 97-1  | 258     | 183     | 175     | 206     | 22.33   | cps   |
| Molybdenum | 98-1  | 292     | 292     | 267     | 283     | 5.09    | cps   |
| Neodymium  | 150-1 | 27      | 73      | 73      | 58      | 46.63   | cps   |
| Neodymium  | 150-2 | 23      | 20      | 10      | 18      | 39.04   | cps   |
| Nickel     | 60-2  | 323     | 293     | 330     | 316     | 6.19    | cps   |
| Phosphorus | 31-2  | 467     | 475     | 492     | 478     | 2.66    | cps   |
| Potassium  | 39-2  | 20916   | 21684   | 21158   | 21253   | 1.85    | cps   |
| Rhodium    | 103-1 | 4998658 | 5019053 | 4964866 | 4994192 | 0.55    | cps   |
| Rhodium    | 103-2 | 1742031 | 1733055 | 1713584 | 1729557 | 0.84    | cps   |
| Scandium   | 45-1  | 3734562 | 3715432 | 3696794 | 3715596 | 0.51    | cps   |
| Scandium   | 45-2  | 38168   | 37366   | 38600   | 38045   | 1.65    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 4       | 4       | 6       | 4       | 24.86   | cps   |
| Selenium   | 82-1  | -21     | 26      | -80     | -25     | -212.64 | cps   |
| Silicon    | 28-1  | 5334211 | 5253023 | 5129002 | 5238745 | 1.97    | cps   |
| Silver     | 109-1 | 158     | 142     | 158     | 153     | 6.30    | cps   |
| Silver     | 107-1 | 217     | 150     | 200     | 189     | 18.37   | cps   |
| Sodium     | 23-2  | 1231721 | 1258680 | 1235890 | 1242097 | 1.17    | cps   |
| Strontium  | 86-1  | 57171   | 57665   | 55799   | 56878   | 1.70    | cps   |
| Strontium  | 88-1  | 484403  | 484688  | 479951  | 483014  | 0.55    | cps   |
| Sulfur     | 34-1  | 504056  | 496598  | 502297  | 500983  | 0.78    | cps   |
| Terbium    | 159-1 | 5390314 | 5275425 | 5315471 | 5327070 | 1.09    | cps   |
| Terbium    | 159-2 | 1641376 | 1682768 | 1611506 | 1645217 | 2.18    | cps   |
| Thallium   | 203-1 | 175     | 75      | 117     | 122     | 41.10   | cps   |
| Thallium   | 205-1 | 283     | 375     | 283     | 314     | 16.86   | cps   |
| Tin        | 118-1 | 433     | 633     | 600     | 556     | 19.29   | cps   |
| Titanium   | 47-1  | 717     | 750     | 625     | 697     | 9.28    | cps   |
| Uranium    | 238-1 | 283     | 267     | 308     | 286     | 7.33    | cps   |
| Vanadium   | 51-2  | 100     | 70      | 43      | 71      | 39.87   | cps   |
| Yttrium    | 89-1  | 5858134 | 5847661 | 5754821 | 5820205 | 0.98    | cps   |
| Yttrium    | 89-2  | 248894  | 250768  | 250710  | 250124  | 0.43    | cps   |
| Zinc       | 66-2  | 2837    | 3177    | 2947    | 2987    | 5.81    | cps   |
| Zirconium  | 90-1  | 1192    | 975     | 942     | 1036    | 13.10   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-08             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-08-FL1-BRCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:36:34  | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 475  | 158  | 314     | 50.48  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-09             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-11-FL1-BRT-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:39:44  | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 133     | 200     | 183     | 172     | 20.15  | cps   |
| Antimony   | 121-1 | 450     | 417     | 392     | 419     | 6.98   | cps   |
| Arsenic    | 75-2  | 39      | 41      | 37      | 39      | 4.76   | cps   |
| Barium     | 135-1 | 30035   | 31330   | 30311   | 30559   | 2.23   | cps   |
| Barium     | 137-1 | 54288   | 53710   | 52815   | 53604   | 1.38   | cps   |
| Beryllium  | 9-1   | 61      | 72      | 67      | 67      | 8.33   | cps   |
| Bismuth    | 209-1 | 2741550 | 2762096 | 2749337 | 2750994 | 0.38   | cps   |
| Bismuth    | 209-2 | 1201330 | 1190312 | 1193253 | 1194965 | 0.48   | cps   |
| Boron      | 10-1  | 1317    | 1517    | 1742    | 1525    | 13.94  | cps   |
| Boron      | 11-1  | 6894    | 6802    | 6685    | 6794    | 1.54   | cps   |
| Cadmium    | 111-1 | 935     | 911     | 993     | 946     | 4.46   | cps   |
| Cadmium    | 106-1 | 1300    | 1250    | 1375    | 1308    | 4.81   | cps   |
| Cadmium    | 108-1 | 13      | 8       | 4       | 8       | 49.98  | cps   |
| Calcium    | 43-1  | 146069  | 145472  | 145700  | 145747  | 0.21   | cps   |
| Calcium    | 44-1  | 2526776 | 2501625 | 2483128 | 2503843 | 0.87   | cps   |
| Chromium   | 52-2  | 1017    | 1117    | 1113    | 1082    | 5.25   | cps   |
| Cobalt     | 59-2  | 127     | 113     | 83      | 108     | 20.59  | cps   |
| Copper     | 63-2  | 95492   | 95747   | 95368   | 95536   | 0.20   | cps   |
| Dysprosium | 156-1 | 83      | 25      | 58      | 56      | 52.68  | cps   |
| Dysprosium | 156-2 | 20      | 33      | 30      | 28      | 24.98  | cps   |
| Erbium     | 164-1 | 75      | 83      | 108     | 89      | 19.52  | cps   |
| Erbium     | 164-2 | 33      | 30      | 17      | 27      | 33.06  | cps   |
| Gadolinium | 160-1 | 58      | 108     | 75      | 81      | 31.60  | cps   |
| Gadolinium | 160-2 | 27      | 27      | 20      | 24      | 15.75  | cps   |
| Holmium    | 165-1 | 4839002 | 4886412 | 4965287 | 4896900 | 1.30   | cps   |
| Holmium    | 165-2 | 1661745 | 1595337 | 1653910 | 1636997 | 2.22   | cps   |
| Indium     | 115-1 | 5052366 | 5044135 | 5119960 | 5072154 | 0.82   | cps   |
| Indium     | 115-2 | 327564  | 328000  | 329064  | 328210  | 0.23   | cps   |
| Iron       | 56-2  | 25214   | 25361   | 23693   | 24756   | 3.73   | cps   |
| Iron       | 57-2  | 522     | 667     | 572     | 587     | 12.50  | cps   |
| Lead       | 206-1 | 2045    | 1956    | 2022    | 2008    | 2.30   | cps   |
| Lead       | 207-1 | 1717    | 1822    | 1850    | 1796    | 3.92   | cps   |
| Lead       | 208-1 | 8062    | 7996    | 7962    | 8007    | 0.64   | cps   |
| Lithium    | 6-1   | 916257  | 915525  | 944955  | 925579  | 1.81   | cps   |
| Magnesium  | 24-2  | 54079   | 52908   | 52447   | 53145   | 1.58   | cps   |
| Manganese  | 55-2  | 5791    | 5781    | 5474    | 5682    | 3.17   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-09             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-11-FL1-BRT-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:39:44  | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 475     | 400     | 342     | 406     | 16.48  | cps   |
| Molybdenum | 95-1  | 175     | 125     | 192     | 164     | 21.17  | cps   |
| Molybdenum | 96-1  | 217     | 217     | 283     | 239     | 16.11  | cps   |
| Molybdenum | 97-1  | 250     | 183     | 283     | 239     | 21.32  | cps   |
| Molybdenum | 98-1  | 250     | 267     | 275     | 264     | 4.83   | cps   |
| Neodymium  | 150-1 | 53      | 67      | 47      | 56      | 18.33  | cps   |
| Neodymium  | 150-2 | 10      | 10      | 3       | 8       | 49.52  | cps   |
| Nickel     | 60-2  | 1130    | 1067    | 1147    | 1115    | 3.79   | cps   |
| Phosphorus | 31-2  | 458     | 550     | 433     | 481     | 12.78  | cps   |
| Potassium  | 39-2  | 19890   | 20107   | 20391   | 20129   | 1.25   | cps   |
| Rhodium    | 103-1 | 4921277 | 5012350 | 4894220 | 4942615 | 1.25   | cps   |
| Rhodium    | 103-2 | 1718986 | 1686546 | 1691201 | 1698911 | 1.03   | cps   |
| Scandium   | 45-1  | 3699109 | 3706299 | 3697133 | 3700847 | 0.13   | cps   |
| Scandium   | 45-2  | 37978   | 37941   | 37447   | 37789   | 0.79   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 9       | 7       | 0       | 6       | 88.19  | cps   |
| Selenium   | 82-1  | 58      | -67     | 36      | 9       | 746.90 | cps   |
| Silicon    | 28-1  | 5169814 | 5092340 | 5156510 | 5139554 | 0.81   | cps   |
| Silver     | 109-1 | 117     | 142     | 158     | 139     | 15.10  | cps   |
| Silver     | 107-1 | 117     | 150     | 117     | 128     | 15.06  | cps   |
| Sodium     | 23-2  | 1180657 | 1178034 | 1168815 | 1175836 | 0.53   | cps   |
| Strontium  | 86-1  | 55004   | 55138   | 55187   | 55110   | 0.17   | cps   |
| Strontium  | 88-1  | 468279  | 462268  | 464283  | 464943  | 0.66   | cps   |
| Sulfur     | 34-1  | 493362  | 495462  | 495158  | 494661  | 0.23   | cps   |
| Terbium    | 159-1 | 5373212 | 5226874 | 5312393 | 5304160 | 1.39   | cps   |
| Terbium    | 159-2 | 1638225 | 1624645 | 1646177 | 1636349 | 0.67   | cps   |
| Thallium   | 203-1 | 133     | 200     | 125     | 153     | 26.91  | cps   |
| Thallium   | 205-1 | 317     | 342     | 350     | 336     | 5.16   | cps   |
| Tin        | 118-1 | 667     | 467     | 533     | 556     | 18.33  | cps   |
| Titanium   | 47-1  | 717     | 683     | 800     | 733     | 8.19   | cps   |
| Uranium    | 238-1 | 258     | 358     | 258     | 292     | 19.80  | cps   |
| Vanadium   | 51-2  | 67      | 73      | 100     | 80      | 22.04  | cps   |
| Yttrium    | 89-1  | 5814760 | 5775245 | 5787821 | 5792609 | 0.35   | cps   |
| Yttrium    | 89-2  | 247699  | 245860  | 246078  | 246546  | 0.41   | cps   |
| Zinc       | 66-2  | 3631    | 3871    | 3771    | 3757    | 3.21   | cps   |
| Zirconium  | 90-1  | 900     | 933     | 867     | 900     | 3.70   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-09             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-11-FL1-BRT-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:39:44  | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 283  | 217  | 242     | 15.03  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-10             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-12-FL1-BRT-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:42:52  | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 100     | 192     | 192     | 161     | 32.85  | cps   |
| Antimony   | 121-1 | 408     | 567     | 475     | 483     | 16.45  | cps   |
| Arsenic    | 75-2  | 33      | 37      | 52      | 41      | 24.05  | cps   |
| Barium     | 135-1 | 31630   | 30862   | 31530   | 31341   | 1.33   | cps   |
| Barium     | 137-1 | 52505   | 53978   | 53560   | 53348   | 1.42   | cps   |
| Beryllium  | 9-1   | 94      | 117     | 117     | 109     | 11.74  | cps   |
| Bismuth    | 209-1 | 2795678 | 2760487 | 2777352 | 2777839 | 0.63   | cps   |
| Bismuth    | 209-2 | 1195349 | 1191536 | 1196277 | 1194387 | 0.21   | cps   |
| Boron      | 10-1  | 1592    | 1258    | 1317    | 1389    | 12.82  | cps   |
| Boron      | 11-1  | 6643    | 6218    | 6435    | 6432    | 3.31   | cps   |
| Cadmium    | 111-1 | 1003    | 904     | 985     | 964     | 5.48   | cps   |
| Cadmium    | 106-1 | 1433    | 1258    | 1400    | 1364    | 6.81   | cps   |
| Cadmium    | 108-1 | 13      | 21      | 17      | 17      | 24.99  | cps   |
| Calcium    | 43-1  | 149783  | 146466  | 147183  | 147811  | 1.18   | cps   |
| Calcium    | 44-1  | 2500691 | 2474665 | 2479631 | 2484996 | 0.56   | cps   |
| Chromium   | 52-2  | 1103    | 1063    | 1027    | 1065    | 3.60   | cps   |
| Cobalt     | 59-2  | 80      | 87      | 120     | 96      | 22.43  | cps   |
| Copper     | 63-2  | 87071   | 85903   | 87339   | 86771   | 0.88   | cps   |
| Dysprosium | 156-1 | 50      | 33      | 58      | 47      | 26.97  | cps   |
| Dysprosium | 156-2 | 10      | 17      | 17      | 14      | 26.66  | cps   |
| Erbium     | 164-1 | 58      | 117     | 42      | 72      | 54.52  | cps   |
| Erbium     | 164-2 | 20      | 30      | 10      | 20      | 50.00  | cps   |
| Gadolinium | 160-1 | 75      | 142     | 50      | 89      | 53.31  | cps   |
| Gadolinium | 160-2 | 23      | 27      | 47      | 32      | 39.17  | cps   |
| Holmium    | 165-1 | 4893491 | 4881519 | 4838379 | 4871130 | 0.60   | cps   |
| Holmium    | 165-2 | 1647800 | 1637014 | 1664076 | 1649630 | 0.83   | cps   |
| Indium     | 115-1 | 5115909 | 5038302 | 5095342 | 5083184 | 0.79   | cps   |
| Indium     | 115-2 | 329455  | 327974  | 329533  | 328987  | 0.27   | cps   |
| Iron       | 56-2  | 19776   | 21111   | 20282   | 20390   | 3.31   | cps   |
| Iron       | 57-2  | 628     | 394     | 594     | 539     | 23.42  | cps   |
| Lead       | 206-1 | 872     | 861     | 833     | 856     | 2.34   | cps   |
| Lead       | 207-1 | 822     | 633     | 839     | 765     | 14.93  | cps   |
| Lead       | 208-1 | 3389    | 3022    | 3356    | 3256    | 6.23   | cps   |
| Lithium    | 6-1   | 940136  | 934112  | 939675  | 937974  | 0.36   | cps   |
| Magnesium  | 24-2  | 54965   | 53226   | 53702   | 53965   | 1.67   | cps   |
| Manganese  | 55-2  | 5368    | 5141    | 5311    | 5273    | 2.24   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-10             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-12-FL1-BRT-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:42:52  | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 442     | 392     | 417     | 417     | 6.00    | cps   |
| Molybdenum | 95-1  | 167     | 242     | 175     | 194     | 21.14   | cps   |
| Molybdenum | 96-1  | 267     | 367     | 308     | 314     | 16.00   | cps   |
| Molybdenum | 97-1  | 142     | 200     | 233     | 192     | 24.21   | cps   |
| Molybdenum | 98-1  | 167     | 283     | 150     | 200     | 36.33   | cps   |
| Neodymium  | 150-1 | 80      | 60      | 87      | 76      | 18.37   | cps   |
| Neodymium  | 150-2 | 7       | 7       | 3       | 6       | 34.70   | cps   |
| Nickel     | 60-2  | 370     | 417     | 407     | 398     | 6.18    | cps   |
| Phosphorus | 31-2  | 450     | 400     | 483     | 444     | 9.44    | cps   |
| Potassium  | 39-2  | 19931   | 20132   | 20399   | 20154   | 1.16    | cps   |
| Rhodium    | 103-1 | 4994459 | 4919098 | 4987050 | 4966869 | 0.84    | cps   |
| Rhodium    | 103-2 | 1727845 | 1711909 | 1692017 | 1710591 | 1.05    | cps   |
| Scandium   | 45-1  | 3675713 | 3681700 | 3745788 | 3701067 | 1.05    | cps   |
| Scandium   | 45-2  | 38533   | 37376   | 38396   | 38102   | 1.66    | cps   |
| Selenium   | 77-2  | 10      | 0       | 3       | 4       | 114.60  | cps   |
| Selenium   | 78-2  | 2       | 4       | 6       | 4       | 50.09   | cps   |
| Selenium   | 82-1  | -151    | -18     | -32     | -67     | -109.54 | cps   |
| Silicon    | 28-1  | 5761296 | 5087603 | 5147544 | 5332148 | 6.99    | cps   |
| Silver     | 109-1 | 75      | 125     | 192     | 131     | 44.83   | cps   |
| Silver     | 107-1 | 158     | 108     | 108     | 125     | 23.09   | cps   |
| Sodium     | 23-2  | 1194347 | 1166202 | 1189430 | 1183326 | 1.27    | cps   |
| Strontium  | 86-1  | 56133   | 54719   | 53966   | 54939   | 2.00    | cps   |
| Strontium  | 88-1  | 466685  | 462880  | 462310  | 463958  | 0.51    | cps   |
| Sulfur     | 34-1  | 493890  | 498528  | 496071  | 496163  | 0.47    | cps   |
| Terbium    | 159-1 | 5299388 | 5350212 | 5262062 | 5303887 | 0.83    | cps   |
| Terbium    | 159-2 | 1637822 | 1625470 | 1644879 | 1636057 | 0.60    | cps   |
| Thallium   | 203-1 | 142     | 133     | 117     | 131     | 9.75    | cps   |
| Thallium   | 205-1 | 250     | 250     | 258     | 253     | 1.90    | cps   |
| Tin        | 118-1 | 492     | 492     | 375     | 453     | 14.88   | cps   |
| Titanium   | 47-1  | 725     | 658     | 625     | 670     | 7.61    | cps   |
| Uranium    | 238-1 | 308     | 233     | 258     | 267     | 14.32   | cps   |
| Vanadium   | 51-2  | 87      | 70      | 103     | 87      | 19.23   | cps   |
| Yttrium    | 89-1  | 5841146 | 5765265 | 5783931 | 5796781 | 0.68    | cps   |
| Yttrium    | 89-2  | 247998  | 246689  | 249595  | 248094  | 0.59    | cps   |
| Zinc       | 66-2  | 1390    | 1217    | 1333    | 1313    | 6.73    | cps   |
| Zirconium  | 90-1  | 933     | 758     | 775     | 822     | 11.75   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-10             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-12-FL1-BRT-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:42:52  | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 200  | 217  | 206     | 4.68   | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-11 Instrumnet Name : P8  
 Client Sample ID : DC1296-13-FL1-KI-W1-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:46:00 DataFile Name : 033SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 117     | 92      | 183     | 131     | 36.30  | cps   |
| Antimony   | 121-1 | 500     | 508     | 425     | 478     | 9.61   | cps   |
| Arsenic    | 75-2  | 61      | 52      | 33      | 49      | 29.01  | cps   |
| Barium     | 135-1 | 30102   | 30227   | 31079   | 30470   | 1.74   | cps   |
| Barium     | 137-1 | 53677   | 52740   | 53760   | 53392   | 1.06   | cps   |
| Beryllium  | 9-1   | 78      | 61      | 67      | 69      | 12.39  | cps   |
| Bismuth    | 209-1 | 2787113 | 2740307 | 2719835 | 2749085 | 1.25   | cps   |
| Bismuth    | 209-2 | 1205986 | 1192104 | 1204093 | 1200728 | 0.63   | cps   |
| Boron      | 10-1  | 1425    | 1225    | 1400    | 1350    | 8.07   | cps   |
| Boron      | 11-1  | 6827    | 6477    | 6927    | 6744    | 3.51   | cps   |
| Cadmium    | 111-1 | 964     | 901     | 1107    | 991     | 10.65  | cps   |
| Cadmium    | 106-1 | 1367    | 1275    | 1508    | 1383    | 8.50   | cps   |
| Cadmium    | 108-1 | 38      | 42      | 17      | 32      | 41.92  | cps   |
| Calcium    | 43-1  | 154027  | 151299  | 150896  | 152074  | 1.12   | cps   |
| Calcium    | 44-1  | 2629639 | 2578352 | 2555289 | 2587760 | 1.47   | cps   |
| Chromium   | 52-2  | 1053    | 1103    | 997     | 1051    | 5.08   | cps   |
| Cobalt     | 59-2  | 103     | 120     | 123     | 116     | 9.27   | cps   |
| Copper     | 63-2  | 280316  | 280133  | 277342  | 279264  | 0.60   | cps   |
| Dysprosium | 156-1 | 8       | 75      | 58      | 47      | 73.48  | cps   |
| Dysprosium | 156-2 | 20      | 17      | 7       | 14      | 48.02  | cps   |
| Erbium     | 164-1 | 67      | 67      | 50      | 61      | 15.75  | cps   |
| Erbium     | 164-2 | 17      | 13      | 13      | 14      | 13.35  | cps   |
| Gadolinium | 160-1 | 67      | 92      | 100     | 86      | 20.15  | cps   |
| Gadolinium | 160-2 | 17      | 27      | 20      | 21      | 24.12  | cps   |
| Holmium    | 165-1 | 5009220 | 4900660 | 4876411 | 4928764 | 1.43   | cps   |
| Holmium    | 165-2 | 1607578 | 1622721 | 1658736 | 1629678 | 1.61   | cps   |
| Indium     | 115-1 | 5070244 | 5050434 | 5112360 | 5077679 | 0.62   | cps   |
| Indium     | 115-2 | 334332  | 329270  | 334878  | 332827  | 0.93   | cps   |
| Iron       | 56-2  | 21712   | 20827   | 21066   | 21202   | 2.16   | cps   |
| Iron       | 57-2  | 494     | 711     | 672     | 626     | 18.46  | cps   |
| Lead       | 206-1 | 6752    | 6958    | 6519    | 6743    | 3.26   | cps   |
| Lead       | 207-1 | 5490    | 5501    | 5318    | 5437    | 1.89   | cps   |
| Lead       | 208-1 | 26495   | 25805   | 25094   | 25798   | 2.72   | cps   |
| Lithium    | 6-1   | 928736  | 926062  | 939383  | 931394  | 0.76   | cps   |
| Magnesium  | 24-2  | 55292   | 55242   | 55325   | 55286   | 0.08   | cps   |
| Manganese  | 55-2  | 5331    | 5434    | 5408    | 5391    | 1.00   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-11              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-13-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:46:00   | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 408     | 425     | 358     | 397     | 8.73   | cps   |
| Molybdenum | 95-1  | 133     | 192     | 192     | 172     | 19.56  | cps   |
| Molybdenum | 96-1  | 342     | 250     | 242     | 278     | 19.97  | cps   |
| Molybdenum | 97-1  | 183     | 225     | 250     | 219     | 15.35  | cps   |
| Molybdenum | 98-1  | 242     | 325     | 342     | 303     | 17.70  | cps   |
| Neodymium  | 150-1 | 33      | 20      | 53      | 36      | 47.20  | cps   |
| Neodymium  | 150-2 | 7       | 10      | 3       | 7       | 50.03  | cps   |
| Nickel     | 60-2  | 12332   | 12072   | 11862   | 12089   | 1.95   | cps   |
| Phosphorus | 31-2  | 408     | 492     | 542     | 481     | 14.02  | cps   |
| Potassium  | 39-2  | 21501   | 20190   | 20574   | 20755   | 3.25   | cps   |
| Rhodium    | 103-1 | 4974548 | 4916488 | 4959078 | 4950038 | 0.61   | cps   |
| Rhodium    | 103-2 | 1734308 | 1673545 | 1742198 | 1716684 | 2.19   | cps   |
| Scandium   | 45-1  | 3718221 | 3686025 | 3671008 | 3691751 | 0.65   | cps   |
| Scandium   | 45-2  | 38827   | 38192   | 38098   | 38373   | 1.03   | cps   |
| Selenium   | 77-2  | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Selenium   | 78-2  | 9       | 4       | 0       | 4       | 107.89 | cps   |
| Selenium   | 82-1  | 36      | -14     | 42      | 22      | 143.31 | cps   |
| Silicon    | 28-1  | 5204164 | 5209246 | 5200256 | 5204556 | 0.09   | cps   |
| Silver     | 109-1 | 150     | 83      | 92      | 108     | 33.53  | cps   |
| Silver     | 107-1 | 133     | 167     | 117     | 139     | 18.33  | cps   |
| Sodium     | 23-2  | 1244918 | 1219018 | 1234327 | 1232755 | 1.06   | cps   |
| Strontium  | 86-1  | 56669   | 56417   | 55848   | 56312   | 0.75   | cps   |
| Strontium  | 88-1  | 469756  | 471440  | 474118  | 471771  | 0.47   | cps   |
| Sulfur     | 34-1  | 492698  | 494554  | 496550  | 494601  | 0.39   | cps   |
| Terbium    | 159-1 | 5266181 | 5250926 | 5187029 | 5234712 | 0.80   | cps   |
| Terbium    | 159-2 | 1627927 | 1621458 | 1660693 | 1636693 | 1.29   | cps   |
| Thallium   | 203-1 | 200     | 83      | 133     | 139     | 42.14  | cps   |
| Thallium   | 205-1 | 325     | 250     | 217     | 264     | 21.03  | cps   |
| Tin        | 118-1 | 750     | 625     | 533     | 636     | 17.10  | cps   |
| Titanium   | 47-1  | 658     | 575     | 625     | 619     | 6.77   | cps   |
| Uranium    | 238-1 | 258     | 267     | 233     | 253     | 6.86   | cps   |
| Vanadium   | 51-2  | 103     | 170     | 77      | 117     | 41.22  | cps   |
| Yttrium    | 89-1  | 5759352 | 5692820 | 5734358 | 5728843 | 0.59   | cps   |
| Yttrium    | 89-2  | 251552  | 247639  | 248280  | 249157  | 0.84   | cps   |
| Zinc       | 66-2  | 103475  | 102528  | 102310  | 102771  | 0.60   | cps   |
| Zirconium  | 90-1  | 817     | 950     | 900     | 889     | 7.58   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-11              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-13-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:46:00   | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 208  | 167  | 186     | 11.27  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-12              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-14-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:49:09   | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 117     | 150     | 242     | 169     | 38.20  | cps   |
| Antimony   | 121-1 | 492     | 458     | 608     | 519     | 15.16  | cps   |
| Arsenic    | 75-2  | 41      | 44      | 52      | 46      | 12.39  | cps   |
| Barium     | 135-1 | 37521   | 38273   | 36493   | 37429   | 2.39   | cps   |
| Barium     | 137-1 | 65094   | 64391   | 63855   | 64447   | 0.96   | cps   |
| Beryllium  | 9-1   | 67      | 50      | 56      | 57      | 14.78  | cps   |
| Bismuth    | 209-1 | 2765094 | 2836868 | 2552855 | 2718272 | 5.43   | cps   |
| Bismuth    | 209-2 | 1212733 | 1205373 | 1189859 | 1202655 | 0.97   | cps   |
| Boron      | 10-1  | 1150    | 1533    | 1442    | 1375    | 14.56  | cps   |
| Boron      | 11-1  | 6168    | 6585    | 6310    | 6354    | 3.34   | cps   |
| Cadmium    | 111-1 | 823     | 935     | 897     | 885     | 6.40   | cps   |
| Cadmium    | 106-1 | 1175    | 1308    | 1250    | 1245    | 5.37   | cps   |
| Cadmium    | 108-1 | 17      | 21      | 4       | 14      | 62.43  | cps   |
| Calcium    | 43-1  | 153363  | 153178  | 154332  | 153624  | 0.40   | cps   |
| Calcium    | 44-1  | 2646701 | 2613061 | 2638374 | 2632712 | 0.67   | cps   |
| Chromium   | 52-2  | 1083    | 1103    | 1200    | 1129    | 5.53   | cps   |
| Cobalt     | 59-2  | 100     | 120     | 63      | 94      | 30.43  | cps   |
| Copper     | 63-2  | 262808  | 264994  | 261327  | 263043  | 0.70   | cps   |
| Dysprosium | 156-1 | 50      | 33      | 100     | 61      | 56.78  | cps   |
| Dysprosium | 156-2 | 17      | 7       | 17      | 13      | 43.29  | cps   |
| Erbium     | 164-1 | 58      | 92      | 33      | 61      | 47.89  | cps   |
| Erbium     | 164-2 | 13      | 23      | 17      | 18      | 28.64  | cps   |
| Gadolinium | 160-1 | 92      | 67      | 58      | 72      | 24.02  | cps   |
| Gadolinium | 160-2 | 37      | 23      | 33      | 31      | 22.31  | cps   |
| Holmium    | 165-1 | 4897217 | 5038169 | 4646720 | 4860702 | 4.08   | cps   |
| Holmium    | 165-2 | 1692663 | 1670664 | 1636933 | 1666753 | 1.68   | cps   |
| Indium     | 115-1 | 4997305 | 5114240 | 4693635 | 4935060 | 4.40   | cps   |
| Indium     | 115-2 | 331294  | 328727  | 330455  | 330159  | 0.40   | cps   |
| Iron       | 56-2  | 19420   | 20098   | 20188   | 19902   | 2.11   | cps   |
| Iron       | 57-2  | 594     | 556     | 550     | 567     | 4.27   | cps   |
| Lead       | 206-1 | 1400    | 1295    | 1356    | 1350    | 3.93   | cps   |
| Lead       | 207-1 | 1195    | 1145    | 1072    | 1137    | 5.40   | cps   |
| Lead       | 208-1 | 5523    | 5362    | 5362    | 5415    | 1.72   | cps   |
| Lithium    | 6-1   | 953594  | 957841  | 867842  | 926426  | 5.48   | cps   |
| Magnesium  | 24-2  | 55376   | 54773   | 54790   | 54980   | 0.62   | cps   |
| Manganese  | 55-2  | 4914    | 5014    | 4744    | 4891    | 2.79   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-12              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-14-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:49:09   | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 333     | 367     | 467     | 389     | 17.84  | cps   |
| Molybdenum | 95-1  | 200     | 108     | 217     | 175     | 33.33  | cps   |
| Molybdenum | 96-1  | 267     | 233     | 275     | 258     | 8.53   | cps   |
| Molybdenum | 97-1  | 200     | 225     | 158     | 194     | 17.32  | cps   |
| Molybdenum | 98-1  | 183     | 283     | 350     | 272     | 30.82  | cps   |
| Neodymium  | 150-1 | 60      | 53      | 53      | 56      | 6.92   | cps   |
| Neodymium  | 150-2 | 10      | 3       | 3       | 6       | 69.34  | cps   |
| Nickel     | 60-2  | 537     | 530     | 427     | 498     | 12.39  | cps   |
| Phosphorus | 31-2  | 442     | 550     | 517     | 503     | 11.04  | cps   |
| Potassium  | 39-2  | 20566   | 21167   | 20558   | 20763   | 1.68   | cps   |
| Rhodium    | 103-1 | 5032545 | 5008256 | 4629620 | 4890140 | 4.62   | cps   |
| Rhodium    | 103-2 | 1721809 | 1703554 | 1720929 | 1715430 | 0.60   | cps   |
| Scandium   | 45-1  | 3703611 | 3712337 | 3454763 | 3623570 | 4.04   | cps   |
| Scandium   | 45-2  | 37848   | 38239   | 37691   | 37926   | 0.74   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 7       | 6       | 4       | 6       | 33.38  | cps   |
| Selenium   | 82-1  | -61     | -36     | -49     | -48     | -25.50 | cps   |
| Silicon    | 28-1  | 5172300 | 5240657 | 5192095 | 5201684 | 0.68   | cps   |
| Silver     | 109-1 | 92      | 175     | 125     | 131     | 32.13  | cps   |
| Silver     | 107-1 | 133     | 208     | 117     | 153     | 31.96  | cps   |
| Sodium     | 23-2  | 1235011 | 1215980 | 1212172 | 1221054 | 1.00   | cps   |
| Strontium  | 86-1  | 61949   | 60443   | 59916   | 60770   | 1.74   | cps   |
| Strontium  | 88-1  | 509339  | 511112  | 510415  | 510288  | 0.18   | cps   |
| Sulfur     | 34-1  | 489465  | 494930  | 495685  | 493360  | 0.69   | cps   |
| Terbium    | 159-1 | 5312617 | 5292337 | 4942267 | 5182407 | 4.02   | cps   |
| Terbium    | 159-2 | 1594447 | 1690146 | 1619257 | 1634617 | 3.04   | cps   |
| Thallium   | 203-1 | 117     | 142     | 133     | 131     | 9.75   | cps   |
| Thallium   | 205-1 | 208     | 183     | 208     | 200     | 7.22   | cps   |
| Tin        | 118-1 | 408     | 475     | 383     | 422     | 11.22  | cps   |
| Titanium   | 47-1  | 608     | 542     | 725     | 625     | 14.85  | cps   |
| Uranium    | 238-1 | 275     | 233     | 275     | 261     | 9.21   | cps   |
| Vanadium   | 51-2  | 60      | 73      | 53      | 62      | 16.37  | cps   |
| Yttrium    | 89-1  | 5804750 | 5806270 | 5374756 | 5661925 | 4.39   | cps   |
| Yttrium    | 89-2  | 249158  | 249647  | 248860  | 249222  | 0.16   | cps   |
| Zinc       | 66-2  | 5011    | 5068    | 4681    | 4920    | 4.25   | cps   |
| Zirconium  | 90-1  | 800     | 808     | 1008    | 872     | 13.52  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-12              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-14-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:49:09   | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 167  | 133  | 156     | 12.37  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-13              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-15-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:52:18   | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 175     | 75      | 242     | 164     | 51.19  | cps   |
| Antimony   | 121-1 | 567     | 425     | 542     | 511     | 14.79  | cps   |
| Arsenic    | 75-2  | 30      | 37      | 43      | 36      | 17.85  | cps   |
| Barium     | 135-1 | 35098   | 34237   | 33352   | 34229   | 2.55   | cps   |
| Barium     | 137-1 | 60029   | 60482   | 61545   | 60685   | 1.28   | cps   |
| Beryllium  | 9-1   | 72      | 56      | 128     | 85      | 44.39  | cps   |
| Bismuth    | 209-1 | 2764301 | 2575433 | 2742428 | 2694054 | 3.83   | cps   |
| Bismuth    | 209-2 | 1204036 | 1210195 | 1197340 | 1203857 | 0.53   | cps   |
| Boron      | 10-1  | 1467    | 1525    | 1292    | 1428    | 8.51   | cps   |
| Boron      | 11-1  | 6510    | 6485    | 6435    | 6477    | 0.59   | cps   |
| Cadmium    | 111-1 | 988     | 894     | 852     | 911     | 7.63   | cps   |
| Cadmium    | 106-1 | 1392    | 1258    | 1200    | 1283    | 7.66   | cps   |
| Cadmium    | 108-1 | 17      | 29      | 25      | 24      | 26.95  | cps   |
| Calcium    | 43-1  | 153667  | 154584  | 151298  | 153183  | 1.11   | cps   |
| Calcium    | 44-1  | 2574804 | 2565118 | 2589090 | 2576337 | 0.47   | cps   |
| Chromium   | 52-2  | 1100    | 1307    | 1130    | 1179    | 9.47   | cps   |
| Cobalt     | 59-2  | 123     | 70      | 93      | 96      | 27.98  | cps   |
| Copper     | 63-2  | 278980  | 277549  | 280082  | 278870  | 0.46   | cps   |
| Dysprosium | 156-1 | 83      | 42      | 75      | 67      | 33.07  | cps   |
| Dysprosium | 156-2 | 3       | 27      | 27      | 19      | 71.34  | cps   |
| Erbium     | 164-1 | 58      | 67      | 25      | 50      | 44.10  | cps   |
| Erbium     | 164-2 | 13      | 10      | 27      | 17      | 52.93  | cps   |
| Gadolinium | 160-1 | 83      | 58      | 92      | 78      | 22.30  | cps   |
| Gadolinium | 160-2 | 10      | 27      | 27      | 21      | 45.58  | cps   |
| Holmium    | 165-1 | 4999559 | 4526506 | 4800867 | 4775644 | 4.97   | cps   |
| Holmium    | 165-2 | 1704673 | 1692049 | 1635058 | 1677260 | 2.21   | cps   |
| Indium     | 115-1 | 5165494 | 4728542 | 4995989 | 4963342 | 4.44   | cps   |
| Indium     | 115-2 | 332971  | 329583  | 331331  | 331295  | 0.51   | cps   |
| Iron       | 56-2  | 20861   | 20354   | 21251   | 20822   | 2.16   | cps   |
| Iron       | 57-2  | 533     | 500     | 533     | 522     | 3.68   | cps   |
| Lead       | 206-1 | 4284    | 4434    | 4423    | 4381    | 1.91   | cps   |
| Lead       | 207-1 | 3640    | 3473    | 3489    | 3534    | 2.60   | cps   |
| Lead       | 208-1 | 16621   | 16950   | 16327   | 16633   | 1.87   | cps   |
| Lithium    | 6-1   | 955202  | 861634  | 905576  | 907470  | 5.16   | cps   |
| Magnesium  | 24-2  | 56087   | 55702   | 55526   | 55771   | 0.51   | cps   |
| Manganese  | 55-2  | 5968    | 5828    | 5498    | 5765    | 4.19   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-13              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-15-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:52:18   | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 383     | 342     | 425     | 383     | 10.87  | cps   |
| Molybdenum | 95-1  | 225     | 150     | 217     | 197     | 20.84  | cps   |
| Molybdenum | 96-1  | 292     | 167     | 208     | 222     | 28.64  | cps   |
| Molybdenum | 97-1  | 175     | 208     | 258     | 214     | 19.61  | cps   |
| Molybdenum | 98-1  | 333     | 325     | 200     | 286     | 26.11  | cps   |
| Neodymium  | 150-1 | 47      | 40      | 53      | 47      | 14.29  | cps   |
| Neodymium  | 150-2 | 0       | 13      | 10      | 8       | 89.21  | cps   |
| Nickel     | 60-2  | 813     | 763     | 827     | 801     | 4.17   | cps   |
| Phosphorus | 31-2  | 375     | 350     | 467     | 397     | 15.46  | cps   |
| Potassium  | 39-2  | 20891   | 20274   | 21676   | 20947   | 3.35   | cps   |
| Rhodium    | 103-1 | 4977779 | 4630430 | 4923613 | 4843941 | 3.86   | cps   |
| Rhodium    | 103-2 | 1726982 | 1705369 | 1730316 | 1720889 | 0.79   | cps   |
| Scandium   | 45-1  | 3756727 | 3469949 | 3596515 | 3607730 | 3.98   | cps   |
| Scandium   | 45-2  | 38032   | 37717   | 38235   | 37995   | 0.69   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 2       | 7       | 7       | 6       | 57.77  | cps   |
| Selenium   | 82-1  | -108    | -33     | -39     | -60     | -69.75 | cps   |
| Silicon    | 28-1  | 5205374 | 5324604 | 5062412 | 5197463 | 2.53   | cps   |
| Silver     | 109-1 | 142     | 58      | 142     | 114     | 42.24  | cps   |
| Silver     | 107-1 | 167     | 133     | 75      | 125     | 37.12  | cps   |
| Sodium     | 23-2  | 1232491 | 1234024 | 1207333 | 1224616 | 1.22   | cps   |
| Strontium  | 86-1  | 58268   | 58417   | 60636   | 59107   | 2.24   | cps   |
| Strontium  | 88-1  | 497047  | 495090  | 494099  | 495412  | 0.30   | cps   |
| Sulfur     | 34-1  | 493744  | 495510  | 495965  | 495073  | 0.24   | cps   |
| Terbium    | 159-1 | 5362333 | 4864895 | 5261043 | 5162757 | 5.09   | cps   |
| Terbium    | 159-2 | 1684966 | 1654075 | 1617479 | 1652174 | 2.04   | cps   |
| Thallium   | 203-1 | 100     | 125     | 133     | 119     | 14.53  | cps   |
| Thallium   | 205-1 | 200     | 233     | 158     | 197     | 19.05  | cps   |
| Tin        | 118-1 | 925     | 942     | 1017    | 961     | 5.08   | cps   |
| Titanium   | 47-1  | 492     | 683     | 1227    | 801     | 47.64  | cps   |
| Uranium    | 238-1 | 308     | 308     | 442     | 353     | 21.82  | cps   |
| Vanadium   | 51-2  | 77      | 63      | 103     | 81      | 25.12  | cps   |
| Yttrium    | 89-1  | 5872596 | 5427321 | 5787762 | 5695893 | 4.15   | cps   |
| Yttrium    | 89-2  | 251137  | 249399  | 252184  | 250906  | 0.56   | cps   |
| Zinc       | 66-2  | 91328   | 90275   | 90567   | 90723   | 0.60   | cps   |
| Zirconium  | 90-1  | 800     | 900     | 1017    | 906     | 11.98  | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-13              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-15-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:52:18   | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 108  | 258  | 172     | 44.96  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-14              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-16-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:55:27   | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 150     | 142     | 208     | 167     | 21.79  | cps   |
| Antimony   | 121-1 | 467     | 358     | 400     | 408     | 13.38  | cps   |
| Arsenic    | 75-2  | 61      | 72      | 43      | 59      | 25.53  | cps   |
| Barium     | 135-1 | 33753   | 34279   | 34020   | 34017   | 0.77   | cps   |
| Barium     | 137-1 | 57007   | 57535   | 57267   | 57270   | 0.46   | cps   |
| Beryllium  | 9-1   | 100     | 67      | 117     | 94      | 26.96  | cps   |
| Bismuth    | 209-1 | 2839488 | 2756588 | 2802094 | 2799390 | 1.48   | cps   |
| Bismuth    | 209-2 | 1221716 | 1216092 | 1205367 | 1214392 | 0.68   | cps   |
| Boron      | 10-1  | 1283    | 1275    | 1575    | 1378    | 12.40  | cps   |
| Boron      | 11-1  | 6285    | 6127    | 6227    | 6213    | 1.29   | cps   |
| Cadmium    | 111-1 | 919     | 934     | 1054    | 969     | 7.66   | cps   |
| Cadmium    | 106-1 | 1292    | 1308    | 1508    | 1370    | 8.80   | cps   |
| Cadmium    | 108-1 | 21      | 4       | 8       | 11      | 78.05  | cps   |
| Calcium    | 43-1  | 155715  | 152933  | 151123  | 153257  | 1.51   | cps   |
| Calcium    | 44-1  | 2622203 | 2613273 | 2586985 | 2607487 | 0.70   | cps   |
| Chromium   | 52-2  | 987     | 897     | 980     | 954     | 5.25   | cps   |
| Cobalt     | 59-2  | 110     | 100     | 80      | 97      | 15.80  | cps   |
| Copper     | 63-2  | 87738   | 86896   | 86111   | 86915   | 0.94   | cps   |
| Dysprosium | 156-1 | 67      | 42      | 33      | 47      | 36.74  | cps   |
| Dysprosium | 156-2 | 3       | 10      | 20      | 11      | 75.52  | cps   |
| Erbium     | 164-1 | 42      | 58      | 117     | 72      | 54.52  | cps   |
| Erbium     | 164-2 | 13      | 10      | 40      | 21      | 77.90  | cps   |
| Gadolinium | 160-1 | 142     | 67      | 108     | 106     | 35.60  | cps   |
| Gadolinium | 160-2 | 40      | 27      | 23      | 30      | 29.40  | cps   |
| Holmium    | 165-1 | 5106182 | 4791534 | 4980226 | 4959314 | 3.19   | cps   |
| Holmium    | 165-2 | 1697058 | 1709368 | 1676566 | 1694330 | 0.98   | cps   |
| Indium     | 115-1 | 5201985 | 4991199 | 5113572 | 5102252 | 2.07   | cps   |
| Indium     | 115-2 | 330902  | 334450  | 329315  | 331555  | 0.79   | cps   |
| Iron       | 56-2  | 23876   | 22388   | 21129   | 22464   | 6.12   | cps   |
| Iron       | 57-2  | 450     | 506     | 572     | 509     | 12.02  | cps   |
| Lead       | 206-1 | 817     | 650     | 689     | 719     | 12.14  | cps   |
| Lead       | 207-1 | 589     | 622     | 589     | 600     | 3.21   | cps   |
| Lead       | 208-1 | 2817    | 2734    | 2634    | 2728    | 3.37   | cps   |
| Lithium    | 6-1   | 952771  | 926681  | 936212  | 938554  | 1.41   | cps   |
| Magnesium  | 24-2  | 54782   | 54598   | 53727   | 54369   | 1.04   | cps   |
| Manganese  | 55-2  | 4454    | 4531    | 4675    | 4553    | 2.46   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-14              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-16-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:55:27   | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 425     | 442     | 450     | 439     | 2.90    | cps   |
| Molybdenum | 95-1  | 142     | 150     | 100     | 131     | 20.52   | cps   |
| Molybdenum | 96-1  | 300     | 283     | 300     | 294     | 3.27    | cps   |
| Molybdenum | 97-1  | 217     | 150     | 208     | 192     | 18.95   | cps   |
| Molybdenum | 98-1  | 308     | 183     | 192     | 228     | 30.68   | cps   |
| Neodymium  | 150-1 | 60      | 40      | 40      | 47      | 24.74   | cps   |
| Neodymium  | 150-2 | 10      | 3       | 3       | 6       | 69.34   | cps   |
| Nickel     | 60-2  | 273     | 250     | 257     | 260     | 4.62    | cps   |
| Phosphorus | 31-2  | 408     | 592     | 500     | 500     | 18.33   | cps   |
| Potassium  | 39-2  | 20465   | 21150   | 20482   | 20699   | 1.89    | cps   |
| Rhodium    | 103-1 | 5170880 | 4927201 | 4981389 | 5026490 | 2.55    | cps   |
| Rhodium    | 103-2 | 1727032 | 1730589 | 1731362 | 1729661 | 0.13    | cps   |
| Scandium   | 45-1  | 3828464 | 3626914 | 3689544 | 3714974 | 2.78    | cps   |
| Scandium   | 45-2  | 38342   | 38306   | 38262   | 38303   | 0.10    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 6       | 6       | 4       | 5       | 21.74   | cps   |
| Selenium   | 82-1  | 11      | -20     | -106    | -39     | -157.24 | cps   |
| Silicon    | 28-1  | 5286925 | 5542433 | 5343122 | 5390827 | 2.49    | cps   |
| Silver     | 109-1 | 100     | 142     | 117     | 119     | 17.56   | cps   |
| Silver     | 107-1 | 117     | 83      | 142     | 114     | 25.69   | cps   |
| Sodium     | 23-2  | 1242227 | 1218434 | 1188975 | 1216545 | 2.19    | cps   |
| Strontium  | 86-1  | 56518   | 58200   | 56268   | 56995   | 1.84    | cps   |
| Strontium  | 88-1  | 485651  | 483701  | 481236  | 483529  | 0.46    | cps   |
| Sulfur     | 34-1  | 498481  | 493712  | 493070  | 495088  | 0.60    | cps   |
| Terbium    | 159-1 | 5430102 | 5164611 | 5280820 | 5291844 | 2.51    | cps   |
| Terbium    | 159-2 | 1683028 | 1676734 | 1676579 | 1678780 | 0.22    | cps   |
| Thallium   | 203-1 | 108     | 75      | 92      | 92      | 18.18   | cps   |
| Thallium   | 205-1 | 192     | 300     | 300     | 264     | 23.70   | cps   |
| Tin        | 118-1 | 450     | 392     | 425     | 422     | 6.93    | cps   |
| Titanium   | 47-1  | 817     | 725     | 742     | 761     | 6.42    | cps   |
| Uranium    | 238-1 | 133     | 242     | 258     | 211     | 32.15   | cps   |
| Vanadium   | 51-2  | 77      | 120     | 67      | 88      | 32.30   | cps   |
| Yttrium    | 89-1  | 5945298 | 5713954 | 5730459 | 5796570 | 2.23    | cps   |
| Yttrium    | 89-2  | 252745  | 253147  | 251239  | 252377  | 0.40    | cps   |
| Zinc       | 66-2  | 2627    | 2514    | 2520    | 2554    | 2.49    | cps   |
| Zirconium  | 90-1  | 850     | 708     | 908     | 822     | 12.51   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-14              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-16-FL1-KI-W1-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:55:27   | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 100  | 258  | 181     | 43.87  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-15 Instrumnet Name : P8  
 Client Sample ID : DC1296-17-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 13:58:34 DataFile Name : 037SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 200     | 133     | 67      | 133     | 50.00  | cps   |
| Antimony   | 121-1 | 575     | 517     | 583     | 558     | 6.51   | cps   |
| Arsenic    | 75-2  | 44      | 56      | 48      | 49      | 11.46  | cps   |
| Barium     | 135-1 | 32516   | 35165   | 33201   | 33627   | 4.09   | cps   |
| Barium     | 137-1 | 57610   | 57333   | 56781   | 57241   | 0.74   | cps   |
| Beryllium  | 9-1   | 111     | 78      | 94      | 94      | 17.65  | cps   |
| Bismuth    | 209-1 | 2758464 | 2788661 | 2730579 | 2759235 | 1.05   | cps   |
| Bismuth    | 209-2 | 1195270 | 1178889 | 1196554 | 1190238 | 0.83   | cps   |
| Boron      | 10-1  | 1233    | 1250    | 1225    | 1236    | 1.03   | cps   |
| Boron      | 11-1  | 5951    | 6694    | 6435    | 6360    | 5.92   | cps   |
| Cadmium    | 111-1 | 820     | 885     | 930     | 878     | 6.30   | cps   |
| Cadmium    | 106-1 | 1150    | 1225    | 1308    | 1228    | 6.45   | cps   |
| Cadmium    | 108-1 | 21      | 8       | 4       | 11      | 78.05  | cps   |
| Calcium    | 43-1  | 151872  | 150778  | 149656  | 150769  | 0.73   | cps   |
| Calcium    | 44-1  | 2530570 | 2562546 | 2552216 | 2548444 | 0.64   | cps   |
| Chromium   | 52-2  | 1073    | 1187    | 1200    | 1153    | 6.03   | cps   |
| Cobalt     | 59-2  | 103     | 107     | 53      | 88      | 34.04  | cps   |
| Copper     | 63-2  | 311235  | 308539  | 309925  | 309900  | 0.43   | cps   |
| Dysprosium | 156-1 | 50      | 50      | 42      | 47      | 10.18  | cps   |
| Dysprosium | 156-2 | 27      | 13      | 17      | 19      | 36.75  | cps   |
| Erbium     | 164-1 | 42      | 50      | 25      | 39      | 32.73  | cps   |
| Erbium     | 164-2 | 7       | 10      | 7       | 8       | 24.71  | cps   |
| Gadolinium | 160-1 | 67      | 83      | 100     | 83      | 20.00  | cps   |
| Gadolinium | 160-2 | 23      | 33      | 23      | 27      | 21.65  | cps   |
| Holmium    | 165-1 | 4882720 | 5021769 | 4866931 | 4923807 | 1.73   | cps   |
| Holmium    | 165-2 | 1650981 | 1636245 | 1649414 | 1645547 | 0.49   | cps   |
| Indium     | 115-1 | 5026552 | 5037329 | 4988964 | 5017615 | 0.51   | cps   |
| Indium     | 115-2 | 325634  | 325559  | 327184  | 326126  | 0.28   | cps   |
| Iron       | 56-2  | 19391   | 19332   | 17829   | 18851   | 4.70   | cps   |
| Iron       | 57-2  | 572     | 494     | 528     | 532     | 7.34   | cps   |
| Lead       | 206-1 | 1922    | 1967    | 1939    | 1943    | 1.16   | cps   |
| Lead       | 207-1 | 1567    | 1561    | 1428    | 1519    | 5.18   | cps   |
| Lead       | 208-1 | 7234    | 7134    | 6995    | 7121    | 1.69   | cps   |
| Lithium    | 6-1   | 935919  | 944835  | 913258  | 931337  | 1.75   | cps   |
| Magnesium  | 24-2  | 54053   | 53878   | 53527   | 53819   | 0.50   | cps   |
| Manganese  | 55-2  | 4187    | 4077    | 4137    | 4134    | 1.33   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-15              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-17-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:58:34   | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 433     | 367     | 417     | 406     | 8.55    | cps   |
| Molybdenum | 95-1  | 133     | 183     | 167     | 161     | 15.80   | cps   |
| Molybdenum | 96-1  | 283     | 217     | 258     | 253     | 13.32   | cps   |
| Molybdenum | 97-1  | 208     | 175     | 192     | 192     | 8.70    | cps   |
| Molybdenum | 98-1  | 258     | 275     | 225     | 253     | 10.07   | cps   |
| Neodymium  | 150-1 | 47      | 33      | 40      | 40      | 16.68   | cps   |
| Neodymium  | 150-2 | 3       | 10      | 7       | 7       | 50.03   | cps   |
| Nickel     | 60-2  | 380     | 313     | 363     | 352     | 9.85    | cps   |
| Phosphorus | 31-2  | 458     | 608     | 467     | 511     | 16.49   | cps   |
| Potassium  | 39-2  | 19948   | 20599   | 20516   | 20354   | 1.74    | cps   |
| Rhodium    | 103-1 | 4953700 | 4971286 | 4889347 | 4938111 | 0.87    | cps   |
| Rhodium    | 103-2 | 1697160 | 1683682 | 1715605 | 1698816 | 0.94    | cps   |
| Scandium   | 45-1  | 3678520 | 3700423 | 3643949 | 3674298 | 0.77    | cps   |
| Scandium   | 45-2  | 37440   | 37637   | 37072   | 37383   | 0.77    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 11      | 6       | 2       | 6       | 75.49   | cps   |
| Selenium   | 82-1  | 51      | -10     | -106    | -22     | -363.76 | cps   |
| Silicon    | 28-1  | 5211164 | 5268976 | 5248358 | 5242833 | 0.56    | cps   |
| Silver     | 109-1 | 192     | 217     | 125     | 178     | 26.65   | cps   |
| Silver     | 107-1 | 208     | 200     | 117     | 175     | 28.97   | cps   |
| Sodium     | 23-2  | 1200214 | 1184076 | 1193347 | 1192545 | 0.68    | cps   |
| Strontium  | 86-1  | 57815   | 56786   | 57472   | 57358   | 0.91    | cps   |
| Strontium  | 88-1  | 483250  | 482308  | 486752  | 484103  | 0.48    | cps   |
| Sulfur     | 34-1  | 495483  | 494724  | 496792  | 495666  | 0.21    | cps   |
| Terbium    | 159-1 | 5317094 | 5305488 | 5243696 | 5288759 | 0.75    | cps   |
| Terbium    | 159-2 | 1638342 | 1646984 | 1633857 | 1639728 | 0.41    | cps   |
| Thallium   | 203-1 | 142     | 117     | 192     | 150     | 25.46   | cps   |
| Thallium   | 205-1 | 300     | 242     | 292     | 278     | 11.36   | cps   |
| Tin        | 118-1 | 458     | 383     | 558     | 467     | 18.81   | cps   |
| Titanium   | 47-1  | 600     | 625     | 633     | 619     | 2.80    | cps   |
| Uranium    | 238-1 | 192     | 317     | 192     | 233     | 30.93   | cps   |
| Vanadium   | 51-2  | 53      | 70      | 80      | 68      | 19.88   | cps   |
| Yttrium    | 89-1  | 5675387 | 5741623 | 5714625 | 5710545 | 0.58    | cps   |
| Yttrium    | 89-2  | 243625  | 243628  | 247567  | 244940  | 0.93    | cps   |
| Zinc       | 66-2  | 5058    | 5391    | 4978    | 5142    | 4.27    | cps   |
| Zirconium  | 90-1  | 842     | 817     | 1009    | 889     | 11.73   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-15              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-17-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 13:58:34   | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 167  | 108  | 156     | 27.49  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-16 Instrumnet Name : P8  
 Client Sample ID : DC1296-18-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:01:43 DataFile Name : 038SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 142     | 167     | 167     | 158     | 9.12   | cps   |
| Antimony   | 121-1 | 500     | 350     | 433     | 428     | 17.57  | cps   |
| Arsenic    | 75-2  | 59      | 50      | 56      | 55      | 8.48   | cps   |
| Barium     | 135-1 | 31037   | 31346   | 32858   | 31747   | 3.07   | cps   |
| Barium     | 137-1 | 54414   | 56932   | 55125   | 55490   | 2.34   | cps   |
| Beryllium  | 9-1   | 83      | 50      | 78      | 70      | 25.38  | cps   |
| Bismuth    | 209-1 | 2709063 | 2699899 | 2677221 | 2695394 | 0.61   | cps   |
| Bismuth    | 209-2 | 1188340 | 1182536 | 1197026 | 1189301 | 0.61   | cps   |
| Boron      | 10-1  | 1350    | 1208    | 1609    | 1389    | 14.60  | cps   |
| Boron      | 11-1  | 6377    | 6210    | 6102    | 6229    | 2.22   | cps   |
| Cadmium    | 111-1 | 875     | 819     | 978     | 891     | 9.06   | cps   |
| Cadmium    | 106-1 | 1225    | 1158    | 1383    | 1256    | 9.21   | cps   |
| Cadmium    | 108-1 | 17      | 13      | 4       | 11      | 57.27  | cps   |
| Calcium    | 43-1  | 146331  | 143754  | 142139  | 144075  | 1.47   | cps   |
| Calcium    | 44-1  | 2482644 | 2491770 | 2477339 | 2483918 | 0.29   | cps   |
| Chromium   | 52-2  | 1043    | 987     | 1147    | 1059    | 7.66   | cps   |
| Cobalt     | 59-2  | 83      | 90      | 113     | 96      | 16.49  | cps   |
| Copper     | 63-2  | 66572   | 65604   | 66760   | 66312   | 0.94   | cps   |
| Dysprosium | 156-1 | 33      | 58      | 50      | 47      | 26.97  | cps   |
| Dysprosium | 156-2 | 13      | 23      | 17      | 18      | 28.64  | cps   |
| Erbium     | 164-1 | 67      | 100     | 50      | 72      | 35.25  | cps   |
| Erbium     | 164-2 | 10      | 17      | 30      | 19      | 53.91  | cps   |
| Gadolinium | 160-1 | 125     | 175     | 158     | 153     | 16.66  | cps   |
| Gadolinium | 160-2 | 30      | 20      | 37      | 29      | 29.04  | cps   |
| Holmium    | 165-1 | 4896730 | 4931898 | 4793516 | 4874048 | 1.48   | cps   |
| Holmium    | 165-2 | 1665342 | 1653558 | 1655826 | 1658242 | 0.38   | cps   |
| Indium     | 115-1 | 5055929 | 5059844 | 4984281 | 5033351 | 0.85   | cps   |
| Indium     | 115-2 | 329042  | 324684  | 326785  | 326837  | 0.67   | cps   |
| Iron       | 56-2  | 26815   | 25675   | 27296   | 26595   | 3.13   | cps   |
| Iron       | 57-2  | 739     | 728     | 600     | 689     | 11.20  | cps   |
| Lead       | 206-1 | 1200    | 1111    | 989     | 1100    | 9.64   | cps   |
| Lead       | 207-1 | 972     | 1028    | 983     | 995     | 2.96   | cps   |
| Lead       | 208-1 | 4400    | 4300    | 4323    | 4341    | 1.21   | cps   |
| Lithium    | 6-1   | 922587  | 914122  | 913389  | 916699  | 0.56   | cps   |
| Magnesium  | 24-2  | 53058   | 52941   | 53284   | 53095   | 0.33   | cps   |
| Manganese  | 55-2  | 6435    | 6878    | 6888    | 6734    | 3.85   | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-16 Instrumnet Name : P8  
 Client Sample ID : DC1296-18-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:01:43 DataFile Name : 038SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 350     | 442     | 358     | 383     | 13.22   | cps   |
| Molybdenum | 95-1  | 158     | 150     | 208     | 172     | 18.32   | cps   |
| Molybdenum | 96-1  | 283     | 300     | 133     | 239     | 38.43   | cps   |
| Molybdenum | 97-1  | 133     | 175     | 217     | 175     | 23.81   | cps   |
| Molybdenum | 98-1  | 225     | 175     | 283     | 228     | 23.80   | cps   |
| Neodymium  | 150-1 | 20      | 60      | 47      | 42      | 48.24   | cps   |
| Neodymium  | 150-2 | 10      | 3       | 17      | 10      | 66.70   | cps   |
| Nickel     | 60-2  | 230     | 227     | 233     | 230     | 1.45    | cps   |
| Phosphorus | 31-2  | 500     | 650     | 625     | 592     | 13.58   | cps   |
| Potassium  | 39-2  | 20441   | 19723   | 19965   | 20043   | 1.82    | cps   |
| Rhodium    | 103-1 | 4910384 | 4884422 | 4887158 | 4893988 | 0.29    | cps   |
| Rhodium    | 103-2 | 1679535 | 1694219 | 1689646 | 1687800 | 0.45    | cps   |
| Scandium   | 45-1  | 3654252 | 3699846 | 3626337 | 3660145 | 1.01    | cps   |
| Scandium   | 45-2  | 37083   | 36655   | 37637   | 37125   | 1.33    | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60   | cps   |
| Selenium   | 78-2  | 9       | 6       | 6       | 7       | 31.45   | cps   |
| Selenium   | 82-1  | 16      | 12      | -82     | -18     | -309.22 | cps   |
| Silicon    | 28-1  | 5091547 | 5172427 | 5116170 | 5126715 | 0.81    | cps   |
| Silver     | 109-1 | 83      | 75      | 92      | 83      | 10.00   | cps   |
| Silver     | 107-1 | 125     | 133     | 150     | 136     | 9.35    | cps   |
| Sodium     | 23-2  | 1201456 | 1193602 | 1169962 | 1188340 | 1.38    | cps   |
| Strontium  | 86-1  | 54401   | 54853   | 56183   | 55146   | 1.68    | cps   |
| Strontium  | 88-1  | 462435  | 463194  | 458205  | 461278  | 0.58    | cps   |
| Sulfur     | 34-1  | 493510  | 495708  | 493862  | 494360  | 0.24    | cps   |
| Terbium    | 159-1 | 5193812 | 5249403 | 5211484 | 5218233 | 0.54    | cps   |
| Terbium    | 159-2 | 1635838 | 1612486 | 1624094 | 1624140 | 0.72    | cps   |
| Thallium   | 203-1 | 125     | 208     | 158     | 164     | 25.59   | cps   |
| Thallium   | 205-1 | 242     | 283     | 292     | 272     | 9.84    | cps   |
| Tin        | 118-1 | 525     | 400     | 367     | 431     | 19.39   | cps   |
| Titanium   | 47-1  | 900     | 725     | 925     | 850     | 12.83   | cps   |
| Uranium    | 238-1 | 383     | 225     | 325     | 311     | 25.74   | cps   |
| Vanadium   | 51-2  | 83      | 80      | 87      | 83      | 4.00    | cps   |
| Yttrium    | 89-1  | 5815224 | 5739412 | 5696768 | 5750468 | 1.04    | cps   |
| Yttrium    | 89-2  | 245034  | 244021  | 245576  | 244877  | 0.32    | cps   |
| Zinc       | 66-2  | 1147    | 1030    | 1127    | 1101    | 5.67    | cps   |
| Zirconium  | 90-1  | 767     | 733     | 758     | 753     | 2.30    | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-16              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-18-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:01:43   | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 133  | 133  | 147     | 16.34  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-17 Instrumnet Name : P8  
 Client Sample ID : DC1296-19-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:04:51 DataFile Name : 039SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 117     | 133     | 175     | 142     | 21.21  | cps   |
| Antimony   | 121-1 | 400     | 450     | 433     | 428     | 5.95   | cps   |
| Arsenic    | 75-2  | 43      | 61      | 78      | 60      | 29.10  | cps   |
| Barium     | 135-1 | 33794   | 33627   | 33827   | 33750   | 0.32   | cps   |
| Barium     | 137-1 | 57467   | 58530   | 56890   | 57629   | 1.44   | cps   |
| Beryllium  | 9-1   | 33      | 67      | 61      | 54      | 33.26  | cps   |
| Bismuth    | 209-1 | 2802126 | 2819456 | 2789100 | 2803561 | 0.54   | cps   |
| Bismuth    | 209-2 | 1214644 | 1208588 | 1129069 | 1184101 | 4.03   | cps   |
| Boron      | 10-1  | 1425    | 1575    | 1333    | 1445    | 8.45   | cps   |
| Boron      | 11-1  | 6418    | 6127    | 6852    | 6466    | 5.64   | cps   |
| Cadmium    | 111-1 | 1000    | 842     | 814     | 885     | 11.29  | cps   |
| Cadmium    | 106-1 | 1417    | 1150    | 1108    | 1225    | 13.66  | cps   |
| Cadmium    | 108-1 | 13      | 13      | 17      | 14      | 17.33  | cps   |
| Calcium    | 43-1  | 153272  | 152740  | 153286  | 153099  | 0.20   | cps   |
| Calcium    | 44-1  | 2622296 | 2620353 | 2593181 | 2611943 | 0.62   | cps   |
| Chromium   | 52-2  | 1130    | 1217    | 1033    | 1127    | 8.14   | cps   |
| Cobalt     | 59-2  | 107     | 90      | 97      | 98      | 8.58   | cps   |
| Copper     | 63-2  | 220955  | 221607  | 224372  | 222311  | 0.82   | cps   |
| Dysprosium | 156-1 | 75      | 100     | 75      | 83      | 17.33  | cps   |
| Dysprosium | 156-2 | 27      | 23      | 17      | 22      | 22.91  | cps   |
| Erbium     | 164-1 | 75      | 125     | 92      | 97      | 26.19  | cps   |
| Erbium     | 164-2 | 20      | 10      | 23      | 18      | 39.03  | cps   |
| Gadolinium | 160-1 | 92      | 183     | 158     | 144     | 32.81  | cps   |
| Gadolinium | 160-2 | 43      | 47      | 30      | 40      | 22.05  | cps   |
| Holmium    | 165-1 | 5025360 | 4986126 | 4929349 | 4980278 | 0.97   | cps   |
| Holmium    | 165-2 | 1670991 | 1670028 | 1551579 | 1630866 | 4.21   | cps   |
| Indium     | 115-1 | 5080222 | 5136061 | 5159048 | 5125111 | 0.79   | cps   |
| Indium     | 115-2 | 331991  | 331497  | 314885  | 326124  | 2.99   | cps   |
| Iron       | 56-2  | 26863   | 27150   | 27005   | 27006   | 0.53   | cps   |
| Iron       | 57-2  | 611     | 683     | 1402    | 899     | 48.66  | cps   |
| Lead       | 206-1 | 4318    | 4318    | 4251    | 4295    | 0.90   | cps   |
| Lead       | 207-1 | 3606    | 3651    | 3690    | 3649    | 1.14   | cps   |
| Lead       | 208-1 | 16716   | 17005   | 17272   | 16998   | 1.64   | cps   |
| Lithium    | 6-1   | 928573  | 936569  | 945268  | 936803  | 0.89   | cps   |
| Magnesium  | 24-2  | 55417   | 56421   | 55685   | 55841   | 0.93   | cps   |
| Manganese  | 55-2  | 7502    | 7159    | 7169    | 7276    | 2.69   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-17              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-19-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:04:51   | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 358     | 375     | 417     | 383     | 7.84    | cps   |
| Molybdenum | 95-1  | 192     | 167     | 125     | 161     | 20.90   | cps   |
| Molybdenum | 96-1  | 242     | 242     | 300     | 261     | 12.90   | cps   |
| Molybdenum | 97-1  | 175     | 233     | 175     | 194     | 17.32   | cps   |
| Molybdenum | 98-1  | 208     | 225     | 258     | 231     | 11.04   | cps   |
| Neodymium  | 150-1 | 73      | 80      | 73      | 76      | 5.09    | cps   |
| Neodymium  | 150-2 | 10      | 7       | 17      | 11      | 45.82   | cps   |
| Nickel     | 60-2  | 640     | 640     | 627     | 636     | 1.21    | cps   |
| Phosphorus | 31-2  | 475     | 533     | 617     | 542     | 13.15   | cps   |
| Potassium  | 39-2  | 21559   | 19856   | 21667   | 21028   | 4.83    | cps   |
| Rhodium    | 103-1 | 5108884 | 4995133 | 5012918 | 5038978 | 1.21    | cps   |
| Rhodium    | 103-2 | 1740986 | 1739990 | 1628945 | 1703307 | 3.78    | cps   |
| Scandium   | 45-1  | 3778460 | 3758160 | 3741048 | 3759223 | 0.50    | cps   |
| Scandium   | 45-2  | 37453   | 38677   | 35422   | 37184   | 4.42    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 11      | 6       | 4       | 7       | 56.78   | cps   |
| Selenium   | 82-1  | 52      | -107    | -48     | -34     | -233.22 | cps   |
| Silicon    | 28-1  | 5257602 | 5169136 | 5302540 | 5243093 | 1.29    | cps   |
| Silver     | 109-1 | 83      | 142     | 125     | 117     | 25.75   | cps   |
| Silver     | 107-1 | 175     | 125     | 108     | 136     | 25.49   | cps   |
| Sodium     | 23-2  | 1217295 | 1221279 | 1233256 | 1223943 | 0.68    | cps   |
| Strontium  | 86-1  | 57388   | 56761   | 55966   | 56705   | 1.26    | cps   |
| Strontium  | 88-1  | 478887  | 477807  | 473361  | 476685  | 0.61    | cps   |
| Sulfur     | 34-1  | 493982  | 493357  | 497332  | 494890  | 0.43    | cps   |
| Terbium    | 159-1 | 5426610 | 5345377 | 5328197 | 5366728 | 0.98    | cps   |
| Terbium    | 159-2 | 1648623 | 1673811 | 1557645 | 1626693 | 3.76    | cps   |
| Thallium   | 203-1 | 150     | 108     | 158     | 139     | 19.29   | cps   |
| Thallium   | 205-1 | 233     | 292     | 283     | 269     | 11.71   | cps   |
| Tin        | 118-1 | 575     | 542     | 558     | 558     | 2.99    | cps   |
| Titanium   | 47-1  | 925     | 900     | 950     | 925     | 2.70    | cps   |
| Uranium    | 238-1 | 292     | 283     | 342     | 306     | 10.33   | cps   |
| Vanadium   | 51-2  | 97      | 77      | 70      | 81      | 17.11   | cps   |
| Yttrium    | 89-1  | 5861974 | 5789282 | 5780131 | 5810462 | 0.77    | cps   |
| Yttrium    | 89-2  | 251786  | 250151  | 235625  | 245854  | 3.62    | cps   |
| Zinc       | 66-2  | 5204    | 5481    | 5231    | 5306    | 2.88    | cps   |
| Zirconium  | 90-1  | 858     | 917     | 1133    | 970     | 14.94   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-17              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-19-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:04:51   | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 100  | 108  | 128     | 32.17  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 14:08:00 | DataFile Name :   | 040CCV.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 33      | 0       | 19      | 89.21  | cps   |
| Antimony   | 121-1 | 67      | 50      | 100     | 72      | 35.26  | cps   |
| Arsenic    | 75-2  | 4       | 0       | 2       | 2       | 100.00 | cps   |
| Barium     | 135-1 | 17      | 33      | 42      | 31      | 41.66  | cps   |
| Barium     | 137-1 | 75      | 92      | 50      | 72      | 29.04  | cps   |
| Beryllium  | 9-1   | 61      | 89      | 100     | 83      | 24.04  | cps   |
| Bismuth    | 209-1 | 2579856 | 2649974 | 2595076 | 2608302 | 1.41   | cps   |
| Bismuth    | 209-2 | 1124163 | 1134081 | 1086838 | 1115027 | 2.23   | cps   |
| Boron      | 10-1  | 708     | 683     | 567     | 653     | 11.58  | cps   |
| Boron      | 11-1  | 2542    | 2750    | 2609    | 2634    | 4.04   | cps   |
| Cadmium    | 111-1 | 921     | 857     | 998     | 925     | 7.62   | cps   |
| Cadmium    | 106-1 | 1317    | 1200    | 1433    | 1317    | 8.86   | cps   |
| Cadmium    | 108-1 | 13      | 0       | 8       | 7       | 91.66  | cps   |
| Calcium    | 43-1  | 4684    | 4701    | 4543    | 4643    | 1.87   | cps   |
| Calcium    | 44-1  | 83556   | 84085   | 81855   | 83166   | 1.40   | cps   |
| Chromium   | 52-2  | 953     | 1017    | 1013    | 995     | 3.58   | cps   |
| Cobalt     | 59-2  | 90      | 87      | 93      | 90      | 3.71   | cps   |
| Copper     | 63-2  | 677     | 660     | 610     | 649     | 5.35   | cps   |
| Dysprosium | 156-1 | 25      | 0       | 8       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Erbium     | 164-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Gadolinium | 160-1 | 25      | 50      | 58      | 44      | 39.04  | cps   |
| Gadolinium | 160-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Holmium    | 165-1 | 4557935 | 4639845 | 4596648 | 4598143 | 0.89   | cps   |
| Holmium    | 165-2 | 1501838 | 1524909 | 1448494 | 1491747 | 2.63   | cps   |
| Indium     | 115-1 | 4798734 | 4754467 | 4718644 | 4757282 | 0.84   | cps   |
| Indium     | 115-2 | 307784  | 307688  | 296318  | 303930  | 2.17   | cps   |
| Iron       | 56-2  | 3212    | 3662    | 3706    | 3526    | 7.76   | cps   |
| Iron       | 57-2  | 100     | 133     | 133     | 122     | 15.75  | cps   |
| Lead       | 206-1 | 1996408 | 2071162 | 2036312 | 2034627 | 1.84   | cps   |
| Lead       | 207-1 | 1794307 | 1870771 | 1861772 | 1842283 | 2.27   | cps   |
| Lead       | 208-1 | 8061838 | 8290013 | 8208066 | 8186639 | 1.41   | cps   |
| Lithium    | 6-1   | 843952  | 846550  | 849948  | 846817  | 0.36   | cps   |
| Magnesium  | 24-2  | 75      | 92      | 58      | 75      | 22.22  | cps   |
| Manganese  | 55-2  | 73      | 50      | 63      | 62      | 18.81  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 14:08:00 | DataFile Name :   | 040CCV.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 167     | 142     | 75      | 128     | 37.08  | cps   |
| Molybdenum | 95-1  | 17      | 0       | 17      | 11      | 86.60  | cps   |
| Molybdenum | 96-1  | 83      | 75      | 83      | 81      | 5.98   | cps   |
| Molybdenum | 97-1  | 150     | 92      | 100     | 114     | 27.70  | cps   |
| Molybdenum | 98-1  | 17      | 17      | 50      | 28      | 69.27  | cps   |
| Neodymium  | 150-1 | 7       | 13      | 7       | 9       | 43.25  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 70      | 103     | 90      | 88      | 19.12  | cps   |
| Phosphorus | 31-2  | 0       | 17      | 0       | 6       | 173.21 | cps   |
| Potassium  | 39-2  | 3984    | 4443    | 4192    | 4206    | 5.46   | cps   |
| Rhodium    | 103-1 | 4616160 | 4657540 | 4578643 | 4617447 | 0.85   | cps   |
| Rhodium    | 103-2 | 1622094 | 1595015 | 1525715 | 1580941 | 3.14   | cps   |
| Scandium   | 45-1  | 3406056 | 3413366 | 3428815 | 3416079 | 0.34   | cps   |
| Scandium   | 45-2  | 35926   | 34509   | 33597   | 34677   | 3.38   | cps   |
| Selenium   | 77-2  | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 7       | 6       | 2       | 5       | 57.32  | cps   |
| Selenium   | 82-1  | -153    | -72     | -10     | -78     | -91.73 | cps   |
| Silicon    | 28-1  | 547245  | 548385  | 542545  | 546058  | 0.57   | cps   |
| Silver     | 109-1 | 83      | 25      | 100     | 69      | 56.71  | cps   |
| Silver     | 107-1 | 133     | 92      | 67      | 97      | 34.64  | cps   |
| Sodium     | 23-2  | 9712    | 9745    | 9904    | 9787    | 1.05   | cps   |
| Strontium  | 86-1  | 1392    | 1325    | 1475    | 1397    | 5.38   | cps   |
| Strontium  | 88-1  | 183     | 158     | 183     | 175     | 8.25   | cps   |
| Sulfur     | 34-1  | 439819  | 442052  | 440519  | 440797  | 0.26   | cps   |
| Terbium    | 159-1 | 4905780 | 4936604 | 4896692 | 4913025 | 0.43   | cps   |
| Terbium    | 159-2 | 1511409 | 1504421 | 1436450 | 1484094 | 2.79   | cps   |
| Thallium   | 203-1 | 167     | 208     | 158     | 178     | 15.07  | cps   |
| Thallium   | 205-1 | 250     | 308     | 317     | 292     | 12.45  | cps   |
| Tin        | 118-1 | 2900    | 3050    | 2625    | 2859    | 7.54   | cps   |
| Titanium   | 47-1  | 300     | 242     | 258     | 267     | 11.27  | cps   |
| Uranium    | 238-1 | 42      | 33      | 58      | 44      | 28.65  | cps   |
| Vanadium   | 51-2  | 13      | 10      | 20      | 14      | 35.26  | cps   |
| Yttrium    | 89-1  | 5328203 | 5435771 | 5347245 | 5370406 | 1.07   | cps   |
| Yttrium    | 89-2  | 233328  | 231277  | 224204  | 229603  | 2.08   | cps   |
| Zinc       | 66-2  | 113     | 83      | 100     | 99      | 15.20  | cps   |
| Zirconium  | 90-1  | 500     | 375     | 375     | 417     | 17.32  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB88963             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-07-21 14:08:00 | DataFile Name :   | 040CCV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 42   | 133  | 58   | 78      | 62.78  | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : CCB94 Instrumnet Name : P8  
 Client Sample ID : CCB94 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:11:09 DataFile Name : 041CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 8       | 0       | 19      | 137.78 | cps   |
| Antimony   | 121-1 | 83      | 42      | 33      | 53      | 50.76  | cps   |
| Arsenic    | 75-2  | 2       | 4       | 0       | 2       | 100.00 | cps   |
| Barium     | 135-1 | 50      | 17      | 8       | 25      | 88.19  | cps   |
| Barium     | 137-1 | 58      | 17      | 33      | 36      | 58.07  | cps   |
| Beryllium  | 9-1   | 72      | 117     | 33      | 74      | 56.30  | cps   |
| Bismuth    | 209-1 | 2454188 | 2610772 | 2602485 | 2555815 | 3.45   | cps   |
| Bismuth    | 209-2 | 1138280 | 1139774 | 1127179 | 1135078 | 0.61   | cps   |
| Boron      | 10-1  | 383     | 608     | 442     | 478     | 24.44  | cps   |
| Boron      | 11-1  | 2459    | 2059    | 1884    | 2134    | 13.82  | cps   |
| Cadmium    | 111-1 | 848     | 768     | 906     | 841     | 8.19   | cps   |
| Cadmium    | 106-1 | 1217    | 1100    | 1300    | 1206    | 8.33   | cps   |
| Cadmium    | 108-1 | 17      | 8       | 13      | 13      | 33.36  | cps   |
| Calcium    | 43-1  | 4843    | 4593    | 4609    | 4682    | 2.99   | cps   |
| Calcium    | 44-1  | 81428   | 80749   | 80540   | 80906   | 0.57   | cps   |
| Chromium   | 52-2  | 957     | 830     | 893     | 893     | 7.09   | cps   |
| Cobalt     | 59-2  | 70      | 103     | 100     | 91      | 20.15  | cps   |
| Copper     | 63-2  | 650     | 597     | 673     | 640     | 6.14   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Erbium     | 164-1 | 25      | 25      | 25      | 25      | 0.00   | cps   |
| Erbium     | 164-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 50      | 25      | 42      | 39      | 32.73  | cps   |
| Gadolinium | 160-2 | 3       | 13      | 0       | 6       | 124.93 | cps   |
| Holmium    | 165-1 | 4455537 | 4629901 | 4577473 | 4554304 | 1.96   | cps   |
| Holmium    | 165-2 | 1532417 | 1526475 | 1517891 | 1525595 | 0.48   | cps   |
| Indium     | 115-1 | 4646536 | 4765182 | 4797743 | 4736487 | 1.68   | cps   |
| Indium     | 115-2 | 311505  | 307618  | 305461  | 308195  | 0.99   | cps   |
| Iron       | 56-2  | 3417    | 3112    | 3334    | 3288    | 4.81   | cps   |
| Iron       | 57-2  | 89      | 72      | 89      | 83      | 11.55  | cps   |
| Lead       | 206-1 | 361     | 433     | 500     | 432     | 16.10  | cps   |
| Lead       | 207-1 | 439     | 394     | 317     | 383     | 16.14  | cps   |
| Lead       | 208-1 | 1689    | 1861    | 1850    | 1800    | 5.35   | cps   |
| Lithium    | 6-1   | 818076  | 848499  | 852029  | 839535  | 2.22   | cps   |
| Magnesium  | 24-2  | 67      | 133     | 117     | 106     | 32.87  | cps   |
| Manganese  | 55-2  | 47      | 43      | 53      | 48      | 10.66  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : CCB94 Instrumnet Name : P8  
 Client Sample ID : CCB94 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:11:09 DataFile Name : 041CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 167     | 167     | 100     | 144     | 26.65   | cps   |
| Molybdenum | 95-1  | 17      | 8       | 8       | 11      | 43.34   | cps   |
| Molybdenum | 96-1  | 58      | 58      | 67      | 61      | 7.87    | cps   |
| Molybdenum | 97-1  | 108     | 150     | 100     | 119     | 22.43   | cps   |
| Molybdenum | 98-1  | 0       | 0       | 50      | 17      | 173.21  | cps   |
| Neodymium  | 150-1 | 13      | 27      | 13      | 18      | 43.33   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 57      | 80      | 87      | 74      | 21.16   | cps   |
| Phosphorus | 31-2  | 0       | 25      | 33      | 19      | 89.21   | cps   |
| Potassium  | 39-2  | 4259    | 4526    | 4418    | 4401    | 3.05    | cps   |
| Rhodium    | 103-1 | 4496883 | 4664475 | 4641238 | 4600865 | 1.97    | cps   |
| Rhodium    | 103-2 | 1620848 | 1601374 | 1586727 | 1602983 | 1.07    | cps   |
| Scandium   | 45-1  | 3345224 | 3459562 | 3431859 | 3412215 | 1.75    | cps   |
| Scandium   | 45-2  | 35468   | 35562   | 34509   | 35180   | 1.66    | cps   |
| Selenium   | 77-2  | 3       | 3       | 7       | 4       | 43.40   | cps   |
| Selenium   | 78-2  | 2       | 9       | 0       | 4       | 132.32  | cps   |
| Selenium   | 82-1  | -84     | -81     | 41      | -41     | -173.48 | cps   |
| Silicon    | 28-1  | 544757  | 546894  | 537798  | 543150  | 0.88    | cps   |
| Silver     | 109-1 | 42      | 58      | 83      | 61      | 34.32   | cps   |
| Silver     | 107-1 | 75      | 100     | 75      | 83      | 17.32   | cps   |
| Sodium     | 23-2  | 9570    | 9003    | 8653    | 9075    | 5.10    | cps   |
| Strontium  | 86-1  | 1700    | 1442    | 1408    | 1517    | 10.53   | cps   |
| Strontium  | 88-1  | 175     | 158     | 117     | 150     | 20.03   | cps   |
| Sulfur     | 34-1  | 449839  | 448208  | 452227  | 450091  | 0.45    | cps   |
| Terbium    | 159-1 | 4757282 | 4916413 | 4949900 | 4874532 | 2.11    | cps   |
| Terbium    | 159-2 | 1505571 | 1516009 | 1508688 | 1510090 | 0.35    | cps   |
| Thallium   | 203-1 | 100     | 150     | 117     | 122     | 20.83   | cps   |
| Thallium   | 205-1 | 242     | 325     | 267     | 278     | 15.40   | cps   |
| Tin        | 118-1 | 792     | 617     | 708     | 706     | 12.41   | cps   |
| Titanium   | 47-1  | 250     | 217     | 133     | 200     | 30.05   | cps   |
| Uranium    | 238-1 | 17      | 42      | 25      | 28      | 45.82   | cps   |
| Vanadium   | 51-2  | 37      | 20      | 3       | 20      | 83.35   | cps   |
| Yttrium    | 89-1  | 5237219 | 5487141 | 5348331 | 5357564 | 2.34    | cps   |
| Yttrium    | 89-2  | 233691  | 232271  | 232355  | 232772  | 0.34    | cps   |
| Zinc       | 66-2  | 30      | 57      | 30      | 39      | 39.59   | cps   |
| Zirconium  | 90-1  | 433     | 383     | 492     | 436     | 12.43   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:11:09 | DataFile Name :   | 041CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 142  | 25   | 83      | 70.00  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-18              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-20-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:14:21   | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 183     | 200     | 150     | 178     | 14.32  | cps   |
| Antimony   | 121-1 | 375     | 408     | 475     | 419     | 12.14  | cps   |
| Arsenic    | 75-2  | 37      | 52      | 52      | 47      | 18.23  | cps   |
| Barium     | 135-1 | 31413   | 31755   | 32516   | 31895   | 1.77   | cps   |
| Barium     | 137-1 | 55919   | 54480   | 55174   | 55191   | 1.30   | cps   |
| Beryllium  | 9-1   | 67      | 67      | 128     | 87      | 40.54  | cps   |
| Bismuth    | 209-1 | 2816883 | 2794010 | 2824239 | 2811711 | 0.56   | cps   |
| Bismuth    | 209-2 | 1208427 | 1206381 | 1203515 | 1206108 | 0.20   | cps   |
| Boron      | 10-1  | 1217    | 1325    | 1375    | 1306    | 6.20   | cps   |
| Boron      | 11-1  | 6327    | 6160    | 5760    | 6082    | 4.79   | cps   |
| Cadmium    | 111-1 | 1018    | 1011    | 1215    | 1081    | 10.71  | cps   |
| Cadmium    | 106-1 | 1433    | 1408    | 1717    | 1520    | 11.27  | cps   |
| Cadmium    | 108-1 | 21      | 13      | 29      | 21      | 40.01  | cps   |
| Calcium    | 43-1  | 152574  | 152107  | 151855  | 152179  | 0.24   | cps   |
| Calcium    | 44-1  | 2599361 | 2561723 | 2555144 | 2572076 | 0.93   | cps   |
| Chromium   | 52-2  | 1303    | 1327    | 1287    | 1306    | 1.54   | cps   |
| Cobalt     | 59-2  | 97      | 120     | 107     | 108     | 10.86  | cps   |
| Copper     | 63-2  | 51261   | 51766   | 52368   | 51799   | 1.07   | cps   |
| Dysprosium | 156-1 | 92      | 50      | 92      | 78      | 30.93  | cps   |
| Dysprosium | 156-2 | 3       | 27      | 23      | 18      | 71.00  | cps   |
| Erbium     | 164-1 | 83      | 92      | 75      | 83      | 10.00  | cps   |
| Erbium     | 164-2 | 20      | 20      | 10      | 17      | 34.64  | cps   |
| Gadolinium | 160-1 | 67      | 75      | 125     | 89      | 35.50  | cps   |
| Gadolinium | 160-2 | 20      | 33      | 10      | 21      | 55.45  | cps   |
| Holmium    | 165-1 | 5015166 | 4913753 | 5005551 | 4978157 | 1.12   | cps   |
| Holmium    | 165-2 | 1690342 | 1635311 | 1616400 | 1647351 | 2.33   | cps   |
| Indium     | 115-1 | 5016406 | 5184312 | 5146356 | 5115691 | 1.72   | cps   |
| Indium     | 115-2 | 328390  | 329961  | 329310  | 329220  | 0.24   | cps   |
| Iron       | 56-2  | 30535   | 31266   | 31125   | 30975   | 1.25   | cps   |
| Iron       | 57-2  | 961     | 711     | 739     | 804     | 17.05  | cps   |
| Lead       | 206-1 | 1822    | 1845    | 1811    | 1826    | 0.93   | cps   |
| Lead       | 207-1 | 1450    | 1561    | 1578    | 1530    | 4.54   | cps   |
| Lead       | 208-1 | 6634    | 6884    | 6984    | 6834    | 2.64   | cps   |
| Lithium    | 6-1   | 947791  | 921962  | 931901  | 933884  | 1.40   | cps   |
| Magnesium  | 24-2  | 52682   | 53794   | 52899   | 53125   | 1.11   | cps   |
| Manganese  | 55-2  | 7072    | 7262    | 7352    | 7229    | 1.98   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-18              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-20-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:14:21   | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 650     | 684     | 442     | 592     | 22.14  | cps   |
| Molybdenum | 95-1  | 200     | 242     | 217     | 219     | 9.56   | cps   |
| Molybdenum | 96-1  | 358     | 233     | 308     | 300     | 20.97  | cps   |
| Molybdenum | 97-1  | 225     | 283     | 150     | 219     | 30.46  | cps   |
| Molybdenum | 98-1  | 250     | 333     | 258     | 281     | 16.36  | cps   |
| Neodymium  | 150-1 | 53      | 47      | 67      | 56      | 18.33  | cps   |
| Neodymium  | 150-2 | 10      | 3       | 10      | 8       | 49.52  | cps   |
| Nickel     | 60-2  | 533     | 580     | 543     | 552     | 4.45   | cps   |
| Phosphorus | 31-2  | 425     | 550     | 483     | 486     | 12.87  | cps   |
| Potassium  | 39-2  | 20591   | 20240   | 19673   | 20168   | 2.30   | cps   |
| Rhodium    | 103-1 | 4992323 | 5071935 | 5009666 | 5024641 | 0.83   | cps   |
| Rhodium    | 103-2 | 1703030 | 1717454 | 1700860 | 1707115 | 0.53   | cps   |
| Scandium   | 45-1  | 3693088 | 3705595 | 3693275 | 3697319 | 0.19   | cps   |
| Scandium   | 45-2  | 37470   | 36805   | 37319   | 37198   | 0.94   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 7       | 4       | 9       | 7       | 41.70  | cps   |
| Selenium   | 82-1  | -109    | -11     | -82     | -67     | -75.57 | cps   |
| Silicon    | 28-1  | 5306908 | 5301754 | 5201496 | 5270053 | 1.13   | cps   |
| Silver     | 109-1 | 158     | 67      | 142     | 122     | 39.95  | cps   |
| Silver     | 107-1 | 92      | 117     | 150     | 119     | 24.50  | cps   |
| Sodium     | 23-2  | 1196634 | 1186724 | 1189997 | 1191118 | 0.42   | cps   |
| Strontium  | 86-1  | 55689   | 54125   | 55229   | 55015   | 1.46   | cps   |
| Strontium  | 88-1  | 471398  | 464351  | 465701  | 467150  | 0.80   | cps   |
| Sulfur     | 34-1  | 500821  | 498664  | 505218  | 501568  | 0.67   | cps   |
| Terbium    | 159-1 | 5312572 | 5334543 | 5395059 | 5347391 | 0.80   | cps   |
| Terbium    | 159-2 | 1677446 | 1633540 | 1641708 | 1650898 | 1.41   | cps   |
| Thallium   | 203-1 | 133     | 100     | 75      | 103     | 28.48  | cps   |
| Thallium   | 205-1 | 375     | 300     | 375     | 350     | 12.37  | cps   |
| Tin        | 118-1 | 383     | 475     | 450     | 436     | 10.86  | cps   |
| Titanium   | 47-1  | 742     | 983     | 958     | 895     | 14.86  | cps   |
| Uranium    | 238-1 | 258     | 275     | 400     | 311     | 24.89  | cps   |
| Vanadium   | 51-2  | 113     | 77      | 50      | 80      | 39.75  | cps   |
| Yttrium    | 89-1  | 5772135 | 5830228 | 5861096 | 5821153 | 0.78   | cps   |
| Yttrium    | 89-2  | 249349  | 245893  | 247692  | 247645  | 0.70   | cps   |
| Zinc       | 66-2  | 2730    | 2627    | 2667    | 2675    | 1.95   | cps   |
| Zirconium  | 90-1  | 1017    | 1050    | 1167    | 1078    | 7.31   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-18              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-20-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:14:21   | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 158  | 283  | 270     | 38.93  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-19 Instrumnet Name : P8  
 Client Sample ID : DC1296-21-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:17:30 DataFile Name : 043SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 117     | 108     | 150     | 125     | 17.64  | cps   |
| Antimony   | 121-1 | 650     | 542     | 542     | 578     | 10.83  | cps   |
| Arsenic    | 75-2  | 57      | 44      | 59      | 54      | 15.04  | cps   |
| Barium     | 135-1 | 33318   | 34204   | 33711   | 33744   | 1.31   | cps   |
| Barium     | 137-1 | 57660   | 57710   | 59368   | 58246   | 1.67   | cps   |
| Beryllium  | 9-1   | 78      | 94      | 94      | 89      | 10.83  | cps   |
| Bismuth    | 209-1 | 2805953 | 2814934 | 2743598 | 2788161 | 1.39   | cps   |
| Bismuth    | 209-2 | 1203178 | 1201479 | 1199019 | 1201225 | 0.17   | cps   |
| Boron      | 10-1  | 1408    | 1217    | 1233    | 1286    | 8.26   | cps   |
| Boron      | 11-1  | 6418    | 6318    | 6327    | 6354    | 0.87   | cps   |
| Cadmium    | 111-1 | 916     | 936     | 885     | 912     | 2.83   | cps   |
| Cadmium    | 106-1 | 1283    | 1283    | 1258    | 1275    | 1.13   | cps   |
| Cadmium    | 108-1 | 4       | 0       | 13      | 6       | 114.53 | cps   |
| Calcium    | 43-1  | 153051  | 148141  | 149639  | 150277  | 1.67   | cps   |
| Calcium    | 44-1  | 2568768 | 2537913 | 2516878 | 2541186 | 1.03   | cps   |
| Chromium   | 52-2  | 1193    | 1057    | 1137    | 1129    | 6.08   | cps   |
| Cobalt     | 59-2  | 140     | 90      | 90      | 107     | 27.06  | cps   |
| Copper     | 63-2  | 167471  | 167381  | 169823  | 168225  | 0.82   | cps   |
| Dysprosium | 156-1 | 25      | 100     | 75      | 67      | 57.28  | cps   |
| Dysprosium | 156-2 | 30      | 13      | 27      | 23      | 37.81  | cps   |
| Erbium     | 164-1 | 83      | 42      | 58      | 61      | 34.32  | cps   |
| Erbium     | 164-2 | 10      | 17      | 27      | 18      | 47.19  | cps   |
| Gadolinium | 160-1 | 108     | 142     | 117     | 122     | 14.19  | cps   |
| Gadolinium | 160-2 | 23      | 20      | 33      | 26      | 27.15  | cps   |
| Holmium    | 165-1 | 4980758 | 4969115 | 4855605 | 4935159 | 1.40   | cps   |
| Holmium    | 165-2 | 1669133 | 1643731 | 1648407 | 1653757 | 0.82   | cps   |
| Indium     | 115-1 | 5126180 | 5106969 | 5069165 | 5100772 | 0.57   | cps   |
| Indium     | 115-2 | 326136  | 325028  | 326258  | 325808  | 0.21   | cps   |
| Iron       | 56-2  | 26331   | 29627   | 30721   | 28893   | 7.91   | cps   |
| Iron       | 57-2  | 694     | 633     | 661     | 663     | 4.62   | cps   |
| Lead       | 206-1 | 3917    | 3823    | 3706    | 3816    | 2.77   | cps   |
| Lead       | 207-1 | 3012    | 3012    | 3123    | 3049    | 2.10   | cps   |
| Lead       | 208-1 | 14376   | 14504   | 14148   | 14342   | 1.26   | cps   |
| Lithium    | 6-1   | 937826  | 936224  | 917571  | 930540  | 1.21   | cps   |
| Magnesium  | 24-2  | 53142   | 54764   | 54907   | 54271   | 1.81   | cps   |
| Manganese  | 55-2  | 6798    | 7062    | 7205    | 7022    | 2.94   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-19              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-21-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:17:30   | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 392     | 442     | 450     | 428     | 7.38   | cps   |
| Molybdenum | 95-1  | 208     | 133     | 117     | 153     | 31.96  | cps   |
| Molybdenum | 96-1  | 275     | 275     | 192     | 247     | 19.46  | cps   |
| Molybdenum | 97-1  | 175     | 142     | 125     | 147     | 17.29  | cps   |
| Molybdenum | 98-1  | 183     | 267     | 192     | 214     | 21.46  | cps   |
| Neodymium  | 150-1 | 53      | 60      | 80      | 64      | 21.53  | cps   |
| Neodymium  | 150-2 | 20      | 7       | 10      | 12      | 56.76  | cps   |
| Nickel     | 60-2  | 500     | 500     | 560     | 520     | 6.66   | cps   |
| Phosphorus | 31-2  | 483     | 550     | 458     | 497     | 9.53   | cps   |
| Potassium  | 39-2  | 19865   | 20766   | 20633   | 20421   | 2.38   | cps   |
| Rhodium    | 103-1 | 5005530 | 4989166 | 4978958 | 4991218 | 0.27   | cps   |
| Rhodium    | 103-2 | 1692482 | 1687271 | 1706167 | 1695306 | 0.58   | cps   |
| Scandium   | 45-1  | 3678715 | 3673704 | 3685847 | 3679422 | 0.17   | cps   |
| Scandium   | 45-2  | 36955   | 38269   | 38279   | 37834   | 2.01   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 7       | 2       | 4       | 86.68  | cps   |
| Selenium   | 82-1  | -131    | 5       | -89     | -72     | -97.09 | cps   |
| Silicon    | 28-1  | 5160333 | 5229392 | 5202839 | 5197522 | 0.67   | cps   |
| Silver     | 109-1 | 175     | 133     | 142     | 150     | 14.70  | cps   |
| Silver     | 107-1 | 250     | 142     | 142     | 178     | 35.18  | cps   |
| Sodium     | 23-2  | 1214233 | 1183499 | 1196666 | 1198133 | 1.29   | cps   |
| Strontium  | 86-1  | 57012   | 56828   | 57229   | 57023   | 0.35   | cps   |
| Strontium  | 88-1  | 485551  | 479907  | 468523  | 477994  | 1.81   | cps   |
| Sulfur     | 34-1  | 493299  | 498651  | 497614  | 496521  | 0.57   | cps   |
| Terbium    | 159-1 | 5376267 | 5422569 | 5279981 | 5359606 | 1.36   | cps   |
| Terbium    | 159-2 | 1667985 | 1614196 | 1638519 | 1640234 | 1.64   | cps   |
| Thallium   | 203-1 | 142     | 183     | 150     | 158     | 13.92  | cps   |
| Thallium   | 205-1 | 325     | 183     | 242     | 250     | 28.48  | cps   |
| Tin        | 118-1 | 442     | 475     | 483     | 467     | 4.72   | cps   |
| Titanium   | 47-1  | 717     | 817     | 708     | 747     | 8.07   | cps   |
| Uranium    | 238-1 | 292     | 350     | 292     | 311     | 10.83  | cps   |
| Vanadium   | 51-2  | 93      | 80      | 63      | 79      | 19.06  | cps   |
| Yttrium    | 89-1  | 5872842 | 5736944 | 5756914 | 5788900 | 1.27   | cps   |
| Yttrium    | 89-2  | 246000  | 246759  | 249099  | 247286  | 0.65   | cps   |
| Zinc       | 66-2  | 4621    | 4704    | 4921    | 4749    | 3.26   | cps   |
| Zirconium  | 90-1  | 817     | 725     | 783     | 775     | 5.99   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-19              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-21-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:17:30   | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 167  | 133  | 178     | 28.64  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-20              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-22-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:20:37   | DataFile Name :   | 044SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 208     | 250     | 150     | 203     | 24.77  | cps   |
| Antimony   | 121-1 | 458     | 383     | 525     | 456     | 15.56  | cps   |
| Arsenic    | 75-2  | 46      | 56      | 46      | 49      | 10.83  | cps   |
| Barium     | 135-1 | 32148   | 30937   | 32140   | 31742   | 2.20   | cps   |
| Barium     | 137-1 | 57375   | 55627   | 55216   | 56073   | 2.05   | cps   |
| Beryllium  | 9-1   | 72      | 94      | 33      | 67      | 46.40  | cps   |
| Bismuth    | 209-1 | 2784481 | 2799677 | 2756685 | 2780281 | 0.78   | cps   |
| Bismuth    | 209-2 | 1219573 | 1199471 | 1191173 | 1203406 | 1.21   | cps   |
| Boron      | 10-1  | 1358    | 1333    | 1542    | 1411    | 8.06   | cps   |
| Boron      | 11-1  | 6693    | 6518    | 6735    | 6649    | 1.73   | cps   |
| Cadmium    | 111-1 | 1046    | 981     | 768     | 931     | 15.63  | cps   |
| Cadmium    | 106-1 | 1467    | 1375    | 1083    | 1308    | 15.30  | cps   |
| Cadmium    | 108-1 | 8       | 4       | 17      | 10      | 65.47  | cps   |
| Calcium    | 43-1  | 152178  | 151257  | 151663  | 151699  | 0.30   | cps   |
| Calcium    | 44-1  | 2599471 | 2580296 | 2572350 | 2584039 | 0.54   | cps   |
| Chromium   | 52-2  | 1033    | 1040    | 1017    | 1030    | 1.17   | cps   |
| Cobalt     | 59-2  | 97      | 117     | 97      | 103     | 11.17  | cps   |
| Copper     | 63-2  | 31095   | 31135   | 31352   | 31194   | 0.44   | cps   |
| Dysprosium | 156-1 | 17      | 92      | 33      | 47      | 83.39  | cps   |
| Dysprosium | 156-2 | 13      | 27      | 17      | 19      | 36.75  | cps   |
| Erbium     | 164-1 | 58      | 50      | 108     | 72      | 43.68  | cps   |
| Erbium     | 164-2 | 17      | 13      | 13      | 14      | 13.35  | cps   |
| Gadolinium | 160-1 | 100     | 58      | 117     | 92      | 32.77  | cps   |
| Gadolinium | 160-2 | 33      | 33      | 37      | 34      | 5.60   | cps   |
| Holmium    | 165-1 | 4951084 | 4927208 | 4853997 | 4910763 | 1.03   | cps   |
| Holmium    | 165-2 | 1687771 | 1641684 | 1624756 | 1651404 | 1.97   | cps   |
| Indium     | 115-1 | 5179622 | 5107582 | 5058193 | 5115132 | 1.19   | cps   |
| Indium     | 115-2 | 330817  | 327539  | 328423  | 328926  | 0.52   | cps   |
| Iron       | 56-2  | 20443   | 22868   | 21459   | 21590   | 5.64   | cps   |
| Iron       | 57-2  | 528     | 539     | 578     | 548     | 4.79   | cps   |
| Lead       | 206-1 | 795     | 845     | 822     | 820     | 3.05   | cps   |
| Lead       | 207-1 | 839     | 622     | 606     | 689     | 18.90  | cps   |
| Lead       | 208-1 | 3406    | 3167    | 2856    | 3143    | 8.78   | cps   |
| Lithium    | 6-1   | 942605  | 941101  | 918344  | 934016  | 1.46   | cps   |
| Magnesium  | 24-2  | 55375   | 55283   | 54714   | 55124   | 0.65   | cps   |
| Manganese  | 55-2  | 4588    | 4554    | 4631    | 4591    | 0.84   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4353-20 Instrumnet Name : P8  
 Client Sample ID : DC1296-22-FL1-BRCL1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:20:37 DataFile Name : 044SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 400     | 383     | 433     | 406     | 6.27    | cps   |
| Molybdenum | 95-1  | 142     | 158     | 108     | 136     | 18.70   | cps   |
| Molybdenum | 96-1  | 175     | 300     | 350     | 275     | 32.78   | cps   |
| Molybdenum | 97-1  | 233     | 192     | 225     | 217     | 10.18   | cps   |
| Molybdenum | 98-1  | 358     | 275     | 225     | 286     | 23.54   | cps   |
| Neodymium  | 150-1 | 33      | 60      | 53      | 49      | 28.40   | cps   |
| Neodymium  | 150-2 | 3       | 7       | 0       | 3       | 100.05  | cps   |
| Nickel     | 60-2  | 310     | 320     | 327     | 319     | 2.63    | cps   |
| Phosphorus | 31-2  | 558     | 558     | 525     | 547     | 3.52    | cps   |
| Potassium  | 39-2  | 20524   | 21417   | 21976   | 21306   | 3.44    | cps   |
| Rhodium    | 103-1 | 5027062 | 5028493 | 4891494 | 4982350 | 1.58    | cps   |
| Rhodium    | 103-2 | 1732159 | 1703154 | 1714106 | 1716473 | 0.85    | cps   |
| Scandium   | 45-1  | 3679716 | 3674883 | 3665487 | 3673362 | 0.20    | cps   |
| Scandium   | 45-2  | 37259   | 38152   | 37443   | 37618   | 1.25    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 2       | 0       | 7       | 3       | 124.95  | cps   |
| Selenium   | 82-1  | -34     | -72     | 41      | -22     | -265.96 | cps   |
| Silicon    | 28-1  | 5207292 | 5348246 | 5398357 | 5317965 | 1.86    | cps   |
| Silver     | 109-1 | 75      | 75      | 92      | 81      | 11.95   | cps   |
| Silver     | 107-1 | 150     | 83      | 108     | 114     | 29.57   | cps   |
| Sodium     | 23-2  | 1225064 | 1205119 | 1207224 | 1212469 | 0.90    | cps   |
| Strontium  | 86-1  | 56978   | 56777   | 55347   | 56367   | 1.58    | cps   |
| Strontium  | 88-1  | 473032  | 474181  | 473392  | 473535  | 0.12    | cps   |
| Sulfur     | 34-1  | 504571  | 500666  | 503670  | 502969  | 0.41    | cps   |
| Terbium    | 159-1 | 5307614 | 5303026 | 5191204 | 5267281 | 1.25    | cps   |
| Terbium    | 159-2 | 1681810 | 1633833 | 1658432 | 1658025 | 1.45    | cps   |
| Thallium   | 203-1 | 133     | 150     | 100     | 128     | 19.92   | cps   |
| Thallium   | 205-1 | 292     | 242     | 283     | 272     | 9.84    | cps   |
| Tin        | 118-1 | 500     | 542     | 500     | 514     | 4.68    | cps   |
| Titanium   | 47-1  | 767     | 700     | 692     | 720     | 5.71    | cps   |
| Uranium    | 238-1 | 450     | 200     | 300     | 317     | 39.74   | cps   |
| Vanadium   | 51-2  | 57      | 93      | 77      | 76      | 24.30   | cps   |
| Yttrium    | 89-1  | 5803230 | 5778127 | 5793418 | 5791592 | 0.22    | cps   |
| Yttrium    | 89-2  | 248501  | 248554  | 248230  | 248428  | 0.07    | cps   |
| Zinc       | 66-2  | 970     | 937     | 960     | 956     | 1.79    | cps   |
| Zirconium  | 90-1  | 758     | 700     | 708     | 722     | 4.37    | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4353-20              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC1296-22-FL1-BRCL1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:20:37   | DataFile Name :   | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 167  | 133  | 164     | 17.86  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100824BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100824BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:23:46 | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 25      | 42      | 33      | 25.00  | cps   |
| Antimony   | 121-1 | 42      | 42      | 33      | 39      | 12.37  | cps   |
| Arsenic    | 75-2  | 9       | 2       | 4       | 5       | 78.12  | cps   |
| Barium     | 135-1 | 33      | 8       | 33      | 25      | 57.75  | cps   |
| Barium     | 137-1 | 58      | 92      | 83      | 78      | 22.30  | cps   |
| Beryllium  | 9-1   | 33      | 78      | 56      | 56      | 40.00  | cps   |
| Bismuth    | 209-1 | 2614720 | 2559974 | 2514537 | 2563077 | 1.96   | cps   |
| Bismuth    | 209-2 | 1123770 | 1122159 | 1117233 | 1121054 | 0.30   | cps   |
| Boron      | 10-1  | 550     | 542     | 425     | 506     | 13.82  | cps   |
| Boron      | 11-1  | 2217    | 2325    | 2300    | 2281    | 2.49   | cps   |
| Cadmium    | 111-1 | 898     | 856     | 850     | 868     | 3.00   | cps   |
| Cadmium    | 106-1 | 1275    | 1217    | 1183    | 1225    | 3.79   | cps   |
| Cadmium    | 108-1 | 4       | 0       | 4       | 3       | 86.60  | cps   |
| Calcium    | 43-1  | 4909    | 4868    | 4868    | 4882    | 0.49   | cps   |
| Calcium    | 44-1  | 81143   | 81864   | 82794   | 81934   | 1.01   | cps   |
| Chromium   | 52-2  | 900     | 930     | 973     | 934     | 3.95   | cps   |
| Cobalt     | 59-2  | 97      | 70      | 80      | 82      | 16.39  | cps   |
| Copper     | 63-2  | 670     | 627     | 520     | 606     | 12.75  | cps   |
| Dysprosium | 156-1 | 8       | 17      | 0       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 25      | 25      | 25      | 0.00   | cps   |
| Erbium     | 164-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Gadolinium | 160-1 | 58      | 75      | 42      | 58      | 28.57  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Holmium    | 165-1 | 4575819 | 4584642 | 4572206 | 4577556 | 0.14   | cps   |
| Holmium    | 165-2 | 1513862 | 1518509 | 1507545 | 1513305 | 0.36   | cps   |
| Indium     | 115-1 | 4724390 | 4685345 | 4670242 | 4693326 | 0.60   | cps   |
| Indium     | 115-2 | 307094  | 306818  | 309781  | 307898  | 0.53   | cps   |
| Iron       | 56-2  | 3262    | 3312    | 3256    | 3276    | 0.93   | cps   |
| Iron       | 57-2  | 83      | 78      | 67      | 76      | 11.18  | cps   |
| Lead       | 206-1 | 311     | 289     | 417     | 339     | 20.15  | cps   |
| Lead       | 207-1 | 233     | 283     | 267     | 261     | 9.75   | cps   |
| Lead       | 208-1 | 1150    | 1322    | 1333    | 1269    | 8.10   | cps   |
| Lithium    | 6-1   | 848215  | 840508  | 841469  | 843397  | 0.50   | cps   |
| Magnesium  | 24-2  | 92      | 100     | 67      | 86      | 20.14  | cps   |
| Manganese  | 55-2  | 80      | 47      | 57      | 61      | 27.99  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100824BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100824BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:23:46 | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 142     | 117     | 100     | 119     | 17.56   | cps   |
| Molybdenum | 95-1  | 17      | 0       | 0       | 6       | 173.21  | cps   |
| Molybdenum | 96-1  | 83      | 58      | 58      | 67      | 21.65   | cps   |
| Molybdenum | 97-1  | 125     | 175     | 42      | 114     | 59.14   | cps   |
| Molybdenum | 98-1  | 8       | 17      | 17      | 14      | 34.67   | cps   |
| Neodymium  | 150-1 | 13      | 20      | 27      | 20      | 33.35   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 63      | 97      | 57      | 72      | 29.67   | cps   |
| Phosphorus | 31-2  | 33      | 25      | 8       | 22      | 57.29   | cps   |
| Potassium  | 39-2  | 4067    | 4084    | 4501    | 4218    | 5.82    | cps   |
| Rhodium    | 103-1 | 4638039 | 4627957 | 4647079 | 4637692 | 0.21    | cps   |
| Rhodium    | 103-2 | 1596110 | 1614435 | 1604418 | 1604988 | 0.57    | cps   |
| Scandium   | 45-1  | 3428137 | 3476368 | 3342460 | 3415655 | 1.99    | cps   |
| Scandium   | 45-2  | 35562   | 35161   | 35010   | 35244   | 0.81    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 4       | 2       | 4       | 3       | 34.64   | cps   |
| Selenium   | 82-1  | 49      | -132    | -32     | -38     | -236.38 | cps   |
| Silicon    | 28-1  | 544052  | 533893  | 533282  | 537076  | 1.13    | cps   |
| Silver     | 109-1 | 75      | 58      | 125     | 86      | 40.29   | cps   |
| Silver     | 107-1 | 25      | 42      | 25      | 31      | 31.50   | cps   |
| Sodium     | 23-2  | 8937    | 9512    | 9354    | 9267    | 3.21    | cps   |
| Strontium  | 86-1  | 1433    | 1558    | 1383    | 1458    | 6.18    | cps   |
| Strontium  | 88-1  | 167     | 142     | 158     | 156     | 8.19    | cps   |
| Sulfur     | 34-1  | 446277  | 448530  | 450170  | 448326  | 0.44    | cps   |
| Terbium    | 159-1 | 4882881 | 4848778 | 4910101 | 4880587 | 0.63    | cps   |
| Terbium    | 159-2 | 1496268 | 1494155 | 1502531 | 1497651 | 0.29    | cps   |
| Thallium   | 203-1 | 117     | 175     | 83      | 125     | 37.12   | cps   |
| Thallium   | 205-1 | 300     | 267     | 258     | 275     | 8.02    | cps   |
| Tin        | 118-1 | 642     | 625     | 658     | 642     | 2.60    | cps   |
| Titanium   | 47-1  | 150     | 175     | 183     | 169     | 10.24   | cps   |
| Uranium    | 238-1 | 50      | 17      | 33      | 33      | 50.00   | cps   |
| Vanadium   | 51-2  | 20      | 17      | 23      | 20      | 16.65   | cps   |
| Yttrium    | 89-1  | 5360867 | 5390965 | 5281571 | 5344468 | 1.06    | cps   |
| Yttrium    | 89-2  | 232190  | 228589  | 230909  | 230563  | 0.79    | cps   |
| Zinc       | 66-2  | 47      | 57      | 40      | 48      | 17.56   | cps   |
| Zirconium  | 90-1  | 308     | 417     | 217     | 314     | 31.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100824BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100824BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:23:46 | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 67   | 25   | 75   | 56      | 48.22  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100824BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100824BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:26:56 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 17      | 17      | 22      | 43.28  | cps   |
| Antimony   | 121-1 | 92      | 108     | 75      | 92      | 18.18  | cps   |
| Arsenic    | 75-2  | 2       | 13      | 4       | 6       | 96.48  | cps   |
| Barium     | 135-1 | 67      | 83      | 33      | 61      | 41.66  | cps   |
| Barium     | 137-1 | 50      | 58      | 42      | 50      | 16.67  | cps   |
| Beryllium  | 9-1   | 78      | 61      | 56      | 65      | 17.84  | cps   |
| Bismuth    | 209-1 | 2494519 | 2647195 | 2614854 | 2585523 | 3.11   | cps   |
| Bismuth    | 209-2 | 1136888 | 1132828 | 1139005 | 1136240 | 0.28   | cps   |
| Boron      | 10-1  | 483     | 567     | 458     | 503     | 11.28  | cps   |
| Boron      | 11-1  | 2150    | 2400    | 2400    | 2317    | 6.23   | cps   |
| Cadmium    | 111-1 | 803     | 836     | 845     | 828     | 2.68   | cps   |
| Cadmium    | 106-1 | 1142    | 1175    | 1192    | 1170    | 2.18   | cps   |
| Cadmium    | 108-1 | 13      | 4       | 8       | 8       | 49.98  | cps   |
| Calcium    | 43-1  | 4843    | 4343    | 4609    | 4598    | 5.44   | cps   |
| Calcium    | 44-1  | 82282   | 82711   | 82484   | 82492   | 0.26   | cps   |
| Chromium   | 52-2  | 977     | 1003    | 1073    | 1018    | 4.91   | cps   |
| Cobalt     | 59-2  | 113     | 43      | 110     | 89      | 44.43  | cps   |
| Copper     | 63-2  | 653     | 707     | 637     | 666     | 5.49   | cps   |
| Dysprosium | 156-1 | 17      | 0       | 8       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 33      | 58      | 36      | 58.08  | cps   |
| Erbium     | 164-2 | 7       | 7       | 0       | 4       | 86.60  | cps   |
| Gadolinium | 160-1 | 50      | 25      | 58      | 44      | 39.04  | cps   |
| Gadolinium | 160-2 | 3       | 7       | 10      | 7       | 50.03  | cps   |
| Holmium    | 165-1 | 4340034 | 4656404 | 4627885 | 4541441 | 3.85   | cps   |
| Holmium    | 165-2 | 1533616 | 1510771 | 1517746 | 1520711 | 0.77   | cps   |
| Indium     | 115-1 | 4500933 | 4718654 | 4662039 | 4627209 | 2.44   | cps   |
| Indium     | 115-2 | 307653  | 307958  | 308648  | 308086  | 0.17   | cps   |
| Iron       | 56-2  | 3545    | 3501    | 3717    | 3588    | 3.19   | cps   |
| Iron       | 57-2  | 94      | 100     | 106     | 100     | 5.55   | cps   |
| Lead       | 206-1 | 1997845 | 2065354 | 2019335 | 2027512 | 1.70   | cps   |
| Lead       | 207-1 | 1832052 | 1844052 | 1832730 | 1836278 | 0.37   | cps   |
| Lead       | 208-1 | 8173477 | 8276770 | 8152502 | 8200916 | 0.81   | cps   |
| Lithium    | 6-1   | 818596  | 852149  | 846236  | 838993  | 2.13   | cps   |
| Magnesium  | 24-2  | 83      | 92      | 158     | 111     | 37.00  | cps   |
| Manganese  | 55-2  | 83      | 37      | 63      | 61      | 38.31  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100824BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100824BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:26:56 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 192     | 175     | 167     | 178     | 7.16   | cps   |
| Molybdenum | 95-1  | 17      | 17      | 50      | 28      | 69.27  | cps   |
| Molybdenum | 96-1  | 67      | 67      | 58      | 64      | 7.53   | cps   |
| Molybdenum | 97-1  | 92      | 108     | 83      | 94      | 13.48  | cps   |
| Molybdenum | 98-1  | 58      | 17      | 50      | 42      | 52.91  | cps   |
| Neodymium  | 150-1 | 7       | 20      | 13      | 13      | 49.99  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 80      | 53      | 63      | 66      | 20.55  | cps   |
| Phosphorus | 31-2  | 50      | 17      | 8       | 25      | 88.19  | cps   |
| Potassium  | 39-2  | 4476    | 4251    | 4526    | 4418    | 3.32   | cps   |
| Rhodium    | 103-1 | 4429247 | 4687059 | 4548324 | 4554876 | 2.83   | cps   |
| Rhodium    | 103-2 | 1618822 | 1606045 | 1603321 | 1609396 | 0.51   | cps   |
| Scandium   | 45-1  | 3262812 | 3439610 | 3384874 | 3362432 | 2.69   | cps   |
| Scandium   | 45-2  | 34820   | 36086   | 35625   | 35511   | 1.81   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 4       | 0       | 2       | 86.60  | cps   |
| Selenium   | 82-1  | -119    | -104    | 6       | -73     | -93.76 | cps   |
| Silicon    | 28-1  | 547486  | 544877  | 533776  | 542046  | 1.34   | cps   |
| Silver     | 109-1 | 42      | 67      | 92      | 67      | 37.50  | cps   |
| Silver     | 107-1 | 50      | 75      | 42      | 56      | 31.22  | cps   |
| Sodium     | 23-2  | 9487    | 9520    | 9829    | 9612    | 1.96   | cps   |
| Strontium  | 86-1  | 1367    | 1467    | 1392    | 1408    | 3.70   | cps   |
| Strontium  | 88-1  | 258     | 233     | 233     | 242     | 5.97   | cps   |
| Sulfur     | 34-1  | 451795  | 450172  | 452969  | 451645  | 0.31   | cps   |
| Terbium    | 159-1 | 4784927 | 5030551 | 4944685 | 4920054 | 2.53   | cps   |
| Terbium    | 159-2 | 1511681 | 1499512 | 1495297 | 1502163 | 0.57   | cps   |
| Thallium   | 203-1 | 117     | 133     | 75      | 108     | 27.74  | cps   |
| Thallium   | 205-1 | 325     | 417     | 292     | 344     | 18.79  | cps   |
| Tin        | 118-1 | 3067    | 2642    | 2892    | 2867    | 7.45   | cps   |
| Titanium   | 47-1  | 258     | 300     | 242     | 267     | 11.27  | cps   |
| Uranium    | 238-1 | 33      | 17      | 42      | 31      | 41.66  | cps   |
| Vanadium   | 51-2  | 17      | 20      | 13      | 17      | 20.01  | cps   |
| Yttrium    | 89-1  | 5147381 | 5439236 | 5404528 | 5330381 | 2.99   | cps   |
| Yttrium    | 89-2  | 232189  | 231795  | 232184  | 232056  | 0.10   | cps   |
| Zinc       | 66-2  | 103     | 120     | 163     | 129     | 24.03  | cps   |
| Zirconium  | 90-1  | 533     | 575     | 542     | 550     | 4.01   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100824BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100824BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:26:56 | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 67   | 100  | 58   | 75      | 29.39  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-01 Instrumnet Name : P8  
 Client Sample ID : DC20894-01-FL1-PLG-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:30:06 DataFile Name : 047SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 158     | 158     | 108     | 142     | 20.38  | cps   |
| Antimony   | 121-1 | 375     | 442     | 492     | 436     | 13.42  | cps   |
| Arsenic    | 75-2  | 39      | 43      | 48      | 43      | 10.79  | cps   |
| Barium     | 135-1 | 34722   | 33443   | 32742   | 33636   | 2.98   | cps   |
| Barium     | 137-1 | 58522   | 57777   | 57660   | 57987   | 0.81   | cps   |
| Beryllium  | 9-1   | 100     | 94      | 56      | 83      | 29.06  | cps   |
| Bismuth    | 209-1 | 2783092 | 2833761 | 2821453 | 2812769 | 0.94   | cps   |
| Bismuth    | 209-2 | 1203745 | 1215280 | 1133666 | 1184230 | 3.73   | cps   |
| Boron      | 10-1  | 1192    | 1300    | 1108    | 1200    | 8.01   | cps   |
| Boron      | 11-1  | 5910    | 5860    | 5943    | 5904    | 0.71   | cps   |
| Cadmium    | 111-1 | 976     | 1036    | 784     | 932     | 14.11  | cps   |
| Cadmium    | 106-1 | 1425    | 1508    | 1192    | 1375    | 11.94  | cps   |
| Cadmium    | 108-1 | 54      | 58      | 83      | 65      | 24.17  | cps   |
| Calcium    | 43-1  | 153507  | 149506  | 149110  | 150708  | 1.61   | cps   |
| Calcium    | 44-1  | 2592426 | 2531495 | 2554830 | 2559584 | 1.20   | cps   |
| Chromium   | 52-2  | 1073    | 1080    | 1153    | 1102    | 4.03   | cps   |
| Cobalt     | 59-2  | 137     | 50      | 87      | 91      | 47.75  | cps   |
| Copper     | 63-2  | 20889   | 21103   | 21370   | 21121   | 1.14   | cps   |
| Dysprosium | 156-1 | 33      | 42      | 75      | 50      | 44.10  | cps   |
| Dysprosium | 156-2 | 10      | 3       | 7       | 7       | 50.03  | cps   |
| Erbium     | 164-1 | 33      | 42      | 100     | 58      | 62.27  | cps   |
| Erbium     | 164-2 | 13      | 23      | 7       | 14      | 58.06  | cps   |
| Gadolinium | 160-1 | 83      | 58      | 108     | 83      | 30.00  | cps   |
| Gadolinium | 160-2 | 20      | 23      | 17      | 20      | 16.65  | cps   |
| Holmium    | 165-1 | 5049065 | 4995957 | 4956724 | 5000582 | 0.93   | cps   |
| Holmium    | 165-2 | 1652050 | 1696285 | 1584820 | 1644385 | 3.41   | cps   |
| Indium     | 115-1 | 5210101 | 5086993 | 5051655 | 5116250 | 1.63   | cps   |
| Indium     | 115-2 | 324099  | 329356  | 307609  | 320355  | 3.54   | cps   |
| Iron       | 56-2  | 18247   | 18864   | 18647   | 18586   | 1.68   | cps   |
| Iron       | 57-2  | 494     | 450     | 450     | 465     | 5.52   | cps   |
| Lead       | 206-1 | 2350    | 2234    | 2228    | 2271    | 3.04   | cps   |
| Lead       | 207-1 | 1789    | 1734    | 1633    | 1719    | 4.59   | cps   |
| Lead       | 208-1 | 8651    | 8524    | 8012    | 8396    | 4.03   | cps   |
| Lithium    | 6-1   | 952619  | 948011  | 920573  | 940401  | 1.84   | cps   |
| Magnesium  | 24-2  | 54899   | 55952   | 55651   | 55501   | 0.98   | cps   |
| Manganese  | 55-2  | 5088    | 5144    | 5001    | 5078    | 1.42   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-01 Instrumnet Name : P8  
 Client Sample ID : DC20894-01-FL1-PLG-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:30:06 DataFile Name : 047SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 475     | 400     | 417     | 431     | 9.15    | cps   |
| Molybdenum | 95-1  | 133     | 158     | 208     | 167     | 22.91   | cps   |
| Molybdenum | 96-1  | 242     | 267     | 250     | 253     | 5.04    | cps   |
| Molybdenum | 97-1  | 208     | 192     | 267     | 222     | 17.72   | cps   |
| Molybdenum | 98-1  | 258     | 250     | 183     | 231     | 17.83   | cps   |
| Neodymium  | 150-1 | 20      | 40      | 60      | 40      | 50.00   | cps   |
| Neodymium  | 150-2 | 10      | 3       | 10      | 8       | 49.52   | cps   |
| Nickel     | 60-2  | 320     | 303     | 293     | 306     | 4.41    | cps   |
| Phosphorus | 31-2  | 383     | 483     | 383     | 417     | 13.86   | cps   |
| Potassium  | 39-2  | 19439   | 20441   | 19932   | 19937   | 2.51    | cps   |
| Rhodium    | 103-1 | 5067852 | 4984756 | 4913542 | 4988717 | 1.55    | cps   |
| Rhodium    | 103-2 | 1704916 | 1703270 | 1592052 | 1666746 | 3.88    | cps   |
| Scandium   | 45-1  | 3771490 | 3651776 | 3651640 | 3691635 | 1.87    | cps   |
| Scandium   | 45-2  | 37804   | 38707   | 34860   | 37124   | 5.42    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 4       | 2       | 6       | 4       | 50.09   | cps   |
| Selenium   | 82-1  | -172    | -6      | -6      | -61     | -157.11 | cps   |
| Silicon    | 28-1  | 5139056 | 5035726 | 5005670 | 5060151 | 1.38    | cps   |
| Silver     | 109-1 | 42      | 50      | 108     | 67      | 54.49   | cps   |
| Silver     | 107-1 | 100     | 125     | 142     | 122     | 17.16   | cps   |
| Sodium     | 23-2  | 1222886 | 1224343 | 1205662 | 1217631 | 0.85    | cps   |
| Strontium  | 86-1  | 56283   | 55782   | 56668   | 56245   | 0.79    | cps   |
| Strontium  | 88-1  | 477242  | 477487  | 468508  | 474413  | 1.08    | cps   |
| Sulfur     | 34-1  | 508997  | 508069  | 503904  | 506990  | 0.54    | cps   |
| Terbium    | 159-1 | 5348197 | 5275403 | 5333715 | 5319105 | 0.72    | cps   |
| Terbium    | 159-2 | 1681182 | 1673376 | 1559627 | 1638062 | 4.15    | cps   |
| Thallium   | 203-1 | 200     | 208     | 175     | 194     | 8.92    | cps   |
| Thallium   | 205-1 | 358     | 383     | 342     | 361     | 5.81    | cps   |
| Tin        | 118-1 | 467     | 425     | 567     | 486     | 14.98   | cps   |
| Titanium   | 47-1  | 700     | 508     | 483     | 564     | 21.02   | cps   |
| Uranium    | 238-1 | 208     | 133     | 125     | 156     | 29.51   | cps   |
| Vanadium   | 51-2  | 70      | 57      | 77      | 68      | 15.02   | cps   |
| Yttrium    | 89-1  | 5842202 | 5804207 | 5773606 | 5806672 | 0.59    | cps   |
| Yttrium    | 89-2  | 247295  | 248525  | 232366  | 242729  | 3.71    | cps   |
| Zinc       | 66-2  | 291776  | 291863  | 295376  | 293005  | 0.70    | cps   |
| Zirconium  | 90-1  | 1250    | 883     | 1100    | 1078    | 17.11   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-01             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-01-FL1-PLG-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:30:06  | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 233  | 142  | 194     | 24.37  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-02 Instrumnet Name : P8  
 Client Sample ID : DC20894-02-FL1-PLG-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:33:14 DataFile Name : 048SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 158     | 125     | 183     | 156     | 18.81  | cps   |
| Antimony   | 121-1 | 475     | 525     | 492     | 497     | 5.12   | cps   |
| Arsenic    | 75-2  | 43      | 44      | 46      | 44      | 4.17   | cps   |
| Barium     | 135-1 | 33920   | 32115   | 33293   | 33109   | 2.77   | cps   |
| Barium     | 137-1 | 56631   | 57082   | 56447   | 56720   | 0.58   | cps   |
| Beryllium  | 9-1   | 56      | 83      | 44      | 61      | 32.78  | cps   |
| Bismuth    | 209-1 | 2826535 | 2803844 | 2767835 | 2799405 | 1.06   | cps   |
| Bismuth    | 209-2 | 1155070 | 1204689 | 1205457 | 1188405 | 2.43   | cps   |
| Boron      | 10-1  | 1458    | 1175    | 1292    | 1308    | 10.88  | cps   |
| Boron      | 11-1  | 6193    | 6118    | 6277    | 6196    | 1.28   | cps   |
| Cadmium    | 111-1 | 920     | 974     | 1110    | 1001    | 9.80   | cps   |
| Cadmium    | 106-1 | 1283    | 1358    | 1559    | 1400    | 10.16  | cps   |
| Cadmium    | 108-1 | 29      | 21      | 8       | 19      | 53.95  | cps   |
| Calcium    | 43-1  | 152984  | 149618  | 150744  | 151115  | 1.13   | cps   |
| Calcium    | 44-1  | 2558472 | 2555688 | 2544687 | 2552949 | 0.29   | cps   |
| Chromium   | 52-2  | 1050    | 1120    | 977     | 1049    | 6.83   | cps   |
| Cobalt     | 59-2  | 83      | 97      | 73      | 84      | 13.86  | cps   |
| Copper     | 63-2  | 26329   | 26158   | 26850   | 26445   | 1.36   | cps   |
| Dysprosium | 156-1 | 33      | 50      | 50      | 44      | 21.66  | cps   |
| Dysprosium | 156-2 | 30      | 10      | 17      | 19      | 53.91  | cps   |
| Erbium     | 164-1 | 75      | 92      | 75      | 81      | 11.95  | cps   |
| Erbium     | 164-2 | 20      | 17      | 13      | 17      | 20.01  | cps   |
| Gadolinium | 160-1 | 108     | 142     | 100     | 117     | 18.90  | cps   |
| Gadolinium | 160-2 | 10      | 20      | 43      | 24      | 69.97  | cps   |
| Holmium    | 165-1 | 5032824 | 4897840 | 4935726 | 4955463 | 1.40   | cps   |
| Holmium    | 165-2 | 1575037 | 1620771 | 1684802 | 1626870 | 3.39   | cps   |
| Indium     | 115-1 | 5098127 | 5107312 | 5092801 | 5099413 | 0.14   | cps   |
| Indium     | 115-2 | 310592  | 331614  | 329916  | 324041  | 3.60   | cps   |
| Iron       | 56-2  | 17651   | 18938   | 18736   | 18442   | 3.75   | cps   |
| Iron       | 57-2  | 411     | 517     | 494     | 474     | 11.74  | cps   |
| Lead       | 206-1 | 2178    | 2217    | 1922    | 2106    | 7.60   | cps   |
| Lead       | 207-1 | 2095    | 1939    | 1789    | 1941    | 7.87   | cps   |
| Lead       | 208-1 | 8829    | 8613    | 7935    | 8459    | 5.52   | cps   |
| Lithium    | 6-1   | 938322  | 933817  | 934632  | 935590  | 0.26   | cps   |
| Magnesium  | 24-2  | 56655   | 57484   | 56572   | 56904   | 0.89   | cps   |
| Manganese  | 55-2  | 5191    | 5311    | 5238    | 5247    | 1.15   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-02             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-02-FL1-PLG-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:33:14  | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 492     | 450     | 358     | 433     | 15.74   | cps   |
| Molybdenum | 95-1  | 250     | 167     | 183     | 200     | 22.05   | cps   |
| Molybdenum | 96-1  | 283     | 292     | 350     | 308     | 11.78   | cps   |
| Molybdenum | 97-1  | 167     | 175     | 192     | 178     | 7.16    | cps   |
| Molybdenum | 98-1  | 275     | 258     | 250     | 261     | 4.87    | cps   |
| Neodymium  | 150-1 | 40      | 40      | 40      | 40      | 0.00    | cps   |
| Neodymium  | 150-2 | 20      | 0       | 10      | 10      | 100.00  | cps   |
| Nickel     | 60-2  | 277     | 220     | 237     | 244     | 11.91   | cps   |
| Phosphorus | 31-2  | 525     | 600     | 458     | 528     | 13.43   | cps   |
| Potassium  | 39-2  | 19248   | 19264   | 20099   | 19537   | 2.49    | cps   |
| Rhodium    | 103-1 | 5006751 | 4940588 | 4992881 | 4980073 | 0.70    | cps   |
| Rhodium    | 103-2 | 1619749 | 1703239 | 1676470 | 1666486 | 2.56    | cps   |
| Scandium   | 45-1  | 3721147 | 3652446 | 3653438 | 3675677 | 1.07    | cps   |
| Scandium   | 45-2  | 35686   | 37490   | 37650   | 36942   | 2.95    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 7       | 2       | 7       | 6       | 57.77   | cps   |
| Selenium   | 82-1  | 66      | -186    | 47      | -24     | -575.60 | cps   |
| Silicon    | 28-1  | 5144308 | 5116636 | 5138736 | 5133226 | 0.29    | cps   |
| Silver     | 109-1 | 25      | 58      | 75      | 53      | 48.24   | cps   |
| Silver     | 107-1 | 58      | 142     | 100     | 100     | 41.67   | cps   |
| Sodium     | 23-2  | 1233338 | 1221081 | 1208555 | 1220991 | 1.01    | cps   |
| Strontium  | 86-1  | 56569   | 57339   | 55940   | 56616   | 1.24    | cps   |
| Strontium  | 88-1  | 477906  | 473566  | 465073  | 472182  | 1.38    | cps   |
| Sulfur     | 34-1  | 511961  | 510321  | 509851  | 510711  | 0.22    | cps   |
| Terbium    | 159-1 | 5397734 | 5325085 | 5229011 | 5317277 | 1.59    | cps   |
| Terbium    | 159-2 | 1516875 | 1661883 | 1681367 | 1620042 | 5.55    | cps   |
| Thallium   | 203-1 | 92      | 150     | 25      | 89      | 70.37   | cps   |
| Thallium   | 205-1 | 317     | 300     | 242     | 286     | 13.77   | cps   |
| Tin        | 118-1 | 500     | 417     | 483     | 467     | 9.45    | cps   |
| Titanium   | 47-1  | 583     | 633     | 675     | 631     | 7.28    | cps   |
| Uranium    | 238-1 | 83      | 108     | 183     | 125     | 41.63   | cps   |
| Vanadium   | 51-2  | 80      | 97      | 90      | 89      | 9.44    | cps   |
| Yttrium    | 89-1  | 5844364 | 5771770 | 5795234 | 5803789 | 0.64    | cps   |
| Yttrium    | 89-2  | 235519  | 247398  | 246492  | 243136  | 2.72    | cps   |
| Zinc       | 66-2  | 66729   | 66368   | 66040   | 66379   | 0.52    | cps   |
| Zirconium  | 90-1  | 950     | 1017    | 775     | 914     | 13.66   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-02             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-02-FL1-PLG-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:33:14  | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 208  | 283  | 236     | 17.41  | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-03 Instrumnet Name : P8  
 Client Sample ID : DC20894-03-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:36:22 DataFile Name : 049SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 108     | 233     | 108     | 150     | 48.11  | cps   |
| Antimony   | 121-1 | 542     | 475     | 567     | 528     | 8.98   | cps   |
| Arsenic    | 75-2  | 43      | 54      | 31      | 43      | 26.09  | cps   |
| Barium     | 135-1 | 33067   | 32658   | 31505   | 32410   | 2.50   | cps   |
| Barium     | 137-1 | 55576   | 55233   | 55936   | 55582   | 0.63   | cps   |
| Beryllium  | 9-1   | 67      | 72      | 67      | 69      | 4.68   | cps   |
| Bismuth    | 209-1 | 2789580 | 2778878 | 2733669 | 2767376 | 1.07   | cps   |
| Bismuth    | 209-2 | 1188876 | 1191303 | 1198891 | 1193023 | 0.44   | cps   |
| Boron      | 10-1  | 1350    | 1283    | 1242    | 1292    | 4.23   | cps   |
| Boron      | 11-1  | 6018    | 5810    | 6093    | 5974    | 2.46   | cps   |
| Cadmium    | 111-1 | 904     | 1027    | 1013    | 981     | 6.85   | cps   |
| Cadmium    | 106-1 | 1233    | 1408    | 1367    | 1336    | 6.84   | cps   |
| Cadmium    | 108-1 | 25      | 25      | 8       | 19      | 49.50  | cps   |
| Calcium    | 43-1  | 149053  | 147779  | 148233  | 148355  | 0.44   | cps   |
| Calcium    | 44-1  | 2584998 | 2554389 | 2532149 | 2557179 | 1.04   | cps   |
| Chromium   | 52-2  | 1107    | 1020    | 967     | 1031    | 6.85   | cps   |
| Cobalt     | 59-2  | 140     | 163     | 127     | 143     | 12.95  | cps   |
| Copper     | 63-2  | 446990  | 448608  | 448875  | 448158  | 0.23   | cps   |
| Dysprosium | 156-1 | 42      | 8       | 67      | 39      | 75.26  | cps   |
| Dysprosium | 156-2 | 13      | 40      | 3       | 19      | 100.37 | cps   |
| Erbium     | 164-1 | 25      | 75      | 83      | 61      | 51.63  | cps   |
| Erbium     | 164-2 | 20      | 17      | 3       | 13      | 66.16  | cps   |
| Gadolinium | 160-1 | 100     | 67      | 92      | 86      | 20.14  | cps   |
| Gadolinium | 160-2 | 43      | 30      | 13      | 29      | 52.03  | cps   |
| Holmium    | 165-1 | 4907479 | 4893752 | 4918771 | 4906667 | 0.26   | cps   |
| Holmium    | 165-2 | 1663947 | 1636611 | 1635941 | 1645500 | 0.97   | cps   |
| Indium     | 115-1 | 5048407 | 5056826 | 5011399 | 5038877 | 0.48   | cps   |
| Indium     | 115-2 | 326331  | 326878  | 327688  | 326966  | 0.21   | cps   |
| Iron       | 56-2  | 19876   | 19615   | 19542   | 19677   | 0.89   | cps   |
| Iron       | 57-2  | 539     | 544     | 550     | 545     | 1.03   | cps   |
| Lead       | 206-1 | 6174    | 6185    | 6274    | 6211    | 0.88   | cps   |
| Lead       | 207-1 | 5735    | 5196    | 5462    | 5464    | 4.93   | cps   |
| Lead       | 208-1 | 25316   | 24677   | 25077   | 25023   | 1.29   | cps   |
| Lithium    | 6-1   | 919505  | 931029  | 945994  | 932176  | 1.42   | cps   |
| Magnesium  | 24-2  | 54740   | 55827   | 55200   | 55255   | 0.99   | cps   |
| Manganese  | 55-2  | 3924    | 4007    | 4164    | 4032    | 3.02   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-03 Instrumnet Name : P8  
 Client Sample ID : DC20894-03-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:36:22 DataFile Name : 049SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 442     | 292     | 417     | 383     | 20.97   | cps   |
| Molybdenum | 95-1  | 133     | 167     | 108     | 136     | 21.50   | cps   |
| Molybdenum | 96-1  | 275     | 258     | 333     | 289     | 13.63   | cps   |
| Molybdenum | 97-1  | 158     | 233     | 167     | 186     | 22.09   | cps   |
| Molybdenum | 98-1  | 233     | 292     | 208     | 244     | 17.49   | cps   |
| Neodymium  | 150-1 | 27      | 27      | 33      | 29      | 13.31   | cps   |
| Neodymium  | 150-2 | 0       | 17      | 10      | 9       | 94.38   | cps   |
| Nickel     | 60-2  | 5301    | 5218    | 5211    | 5243    | 0.96    | cps   |
| Phosphorus | 31-2  | 517     | 592     | 475     | 528     | 11.20   | cps   |
| Potassium  | 39-2  | 19773   | 20132   | 20315   | 20073   | 1.37    | cps   |
| Rhodium    | 103-1 | 4911837 | 4878350 | 4924518 | 4904901 | 0.49    | cps   |
| Rhodium    | 103-2 | 1694322 | 1680093 | 1690695 | 1688370 | 0.44    | cps   |
| Scandium   | 45-1  | 3665869 | 3667548 | 3664207 | 3665875 | 0.05    | cps   |
| Scandium   | 45-2  | 36531   | 37133   | 36327   | 36663   | 1.14    | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 11      | 6       | 4       | 7       | 56.78   | cps   |
| Selenium   | 82-1  | -83     | -48     | 2       | -43     | -100.17 | cps   |
| Silicon    | 28-1  | 5171465 | 5183837 | 5128403 | 5161235 | 0.56    | cps   |
| Silver     | 109-1 | 183     | 142     | 167     | 164     | 12.79   | cps   |
| Silver     | 107-1 | 125     | 142     | 183     | 150     | 20.03   | cps   |
| Sodium     | 23-2  | 1207998 | 1194224 | 1202671 | 1201631 | 0.58    | cps   |
| Strontium  | 86-1  | 55790   | 55296   | 54961   | 55349   | 0.75    | cps   |
| Strontium  | 88-1  | 482486  | 464608  | 469027  | 472040  | 1.97    | cps   |
| Sulfur     | 34-1  | 505751  | 510663  | 507635  | 508016  | 0.49    | cps   |
| Terbium    | 159-1 | 5238457 | 5252560 | 5259331 | 5250116 | 0.20    | cps   |
| Terbium    | 159-2 | 1619766 | 1630819 | 1652797 | 1634461 | 1.03    | cps   |
| Thallium   | 203-1 | 183     | 200     | 142     | 175     | 17.17   | cps   |
| Thallium   | 205-1 | 300     | 275     | 292     | 289     | 4.41    | cps   |
| Tin        | 118-1 | 1142    | 967     | 975     | 1028    | 9.60    | cps   |
| Titanium   | 47-1  | 733     | 500     | 758     | 664     | 21.46   | cps   |
| Uranium    | 238-1 | 225     | 167     | 158     | 183     | 19.81   | cps   |
| Vanadium   | 51-2  | 80      | 70      | 63      | 71      | 11.80   | cps   |
| Yttrium    | 89-1  | 5776222 | 5690026 | 5695998 | 5720749 | 0.84    | cps   |
| Yttrium    | 89-2  | 243913  | 244819  | 244330  | 244354  | 0.19    | cps   |
| Zinc       | 66-2  | 45695   | 46241   | 46755   | 46230   | 1.15    | cps   |
| Zirconium  | 90-1  | 842     | 650     | 708     | 733     | 13.40   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-03             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-03-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:36:22  | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 242  | 150  | 183     | 27.65  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-04 Instrumnet Name : P8  
 Client Sample ID : DC20894-04-FL1-CL4-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:39:32 DataFile Name : 050SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 300     | 183     | 142     | 208     | 39.40  | cps   |
| Antimony   | 121-1 | 717     | 683     | 825     | 742     | 9.99   | cps   |
| Arsenic    | 75-2  | 61      | 43      | 35      | 46      | 28.84  | cps   |
| Barium     | 135-1 | 35917   | 34789   | 35006   | 35237   | 1.70   | cps   |
| Barium     | 137-1 | 62297   | 59820   | 61461   | 61193   | 2.06   | cps   |
| Beryllium  | 9-1   | 50      | 83      | 50      | 61      | 31.50  | cps   |
| Bismuth    | 209-1 | 2724441 | 2758085 | 2781764 | 2754764 | 1.05   | cps   |
| Bismuth    | 209-2 | 1206921 | 1200467 | 1184565 | 1197318 | 0.96   | cps   |
| Boron      | 10-1  | 1300    | 1250    | 1233    | 1261    | 2.75   | cps   |
| Boron      | 11-1  | 5826    | 6002    | 6010    | 5946    | 1.74   | cps   |
| Cadmium    | 111-1 | 929     | 816     | 838     | 861     | 6.96   | cps   |
| Cadmium    | 106-1 | 1292    | 1117    | 1167    | 1192    | 7.56   | cps   |
| Cadmium    | 108-1 | 13      | 17      | 0       | 10      | 89.22  | cps   |
| Calcium    | 43-1  | 151468  | 150743  | 149757  | 150656  | 0.57   | cps   |
| Calcium    | 44-1  | 2570186 | 2525002 | 2573836 | 2556341 | 1.06   | cps   |
| Chromium   | 52-2  | 1100    | 1070    | 1167    | 1112    | 4.45   | cps   |
| Cobalt     | 59-2  | 93      | 120     | 167     | 127     | 29.30  | cps   |
| Copper     | 63-2  | 244860  | 244777  | 241167  | 243601  | 0.87   | cps   |
| Dysprosium | 156-1 | 50      | 92      | 58      | 67      | 33.07  | cps   |
| Dysprosium | 156-2 | 20      | 33      | 17      | 23      | 37.78  | cps   |
| Erbium     | 164-1 | 83      | 42      | 58      | 61      | 34.32  | cps   |
| Erbium     | 164-2 | 17      | 30      | 13      | 20      | 44.10  | cps   |
| Gadolinium | 160-1 | 108     | 83      | 83      | 92      | 15.74  | cps   |
| Gadolinium | 160-2 | 43      | 37      | 30      | 37      | 18.18  | cps   |
| Holmium    | 165-1 | 4938070 | 4927820 | 4911148 | 4925680 | 0.28   | cps   |
| Holmium    | 165-2 | 1668401 | 1656098 | 1624192 | 1649563 | 1.38   | cps   |
| Indium     | 115-1 | 5063773 | 5091722 | 5033230 | 5062909 | 0.58   | cps   |
| Indium     | 115-2 | 329177  | 325531  | 319400  | 324703  | 1.52   | cps   |
| Iron       | 56-2  | 26770   | 25530   | 25594   | 25964   | 2.69   | cps   |
| Iron       | 57-2  | 1045    | 578     | 678     | 767     | 32.09  | cps   |
| Lead       | 206-1 | 2934    | 2823    | 2917    | 2891    | 2.07   | cps   |
| Lead       | 207-1 | 2517    | 2584    | 2528    | 2543    | 1.40   | cps   |
| Lead       | 208-1 | 11008   | 11391   | 10824   | 11074   | 2.61   | cps   |
| Lithium    | 6-1   | 928208  | 934960  | 922398  | 928522  | 0.68   | cps   |
| Magnesium  | 24-2  | 55216   | 55275   | 56136   | 55542   | 0.93   | cps   |
| Manganese  | 55-2  | 6161    | 5645    | 5745    | 5850    | 4.69   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-04             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-04-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:39:32  | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 367     | 367     | 425     | 386     | 8.72   | cps   |
| Molybdenum | 95-1  | 192     | 175     | 158     | 175     | 9.53   | cps   |
| Molybdenum | 96-1  | 242     | 217     | 283     | 247     | 13.62  | cps   |
| Molybdenum | 97-1  | 192     | 217     | 200     | 203     | 6.28   | cps   |
| Molybdenum | 98-1  | 200     | 308     | 233     | 247     | 22.44  | cps   |
| Neodymium  | 150-1 | 60      | 40      | 33      | 44      | 31.23  | cps   |
| Neodymium  | 150-2 | 10      | 3       | 17      | 10      | 66.70  | cps   |
| Nickel     | 60-2  | 1483    | 1460    | 1497    | 1480    | 1.25   | cps   |
| Phosphorus | 31-2  | 650     | 450     | 492     | 531     | 19.89  | cps   |
| Potassium  | 39-2  | 20073   | 20007   | 20049   | 20043   | 0.17   | cps   |
| Rhodium    | 103-1 | 4915720 | 4920487 | 4938799 | 4925002 | 0.25   | cps   |
| Rhodium    | 103-2 | 1729440 | 1692903 | 1661258 | 1694534 | 2.01   | cps   |
| Scandium   | 45-1  | 3659611 | 3685533 | 3663155 | 3669433 | 0.38   | cps   |
| Scandium   | 45-2  | 37300   | 37310   | 36511   | 37040   | 1.24   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 2       | 9       | 6       | 6       | 66.68  | cps   |
| Selenium   | 82-1  | -47     | -67     | -55     | -57     | -17.85 | cps   |
| Silicon    | 28-1  | 5208992 | 5133006 | 5221521 | 5187840 | 0.92   | cps   |
| Silver     | 109-1 | 167     | 50      | 217     | 144     | 59.21  | cps   |
| Silver     | 107-1 | 175     | 125     | 158     | 153     | 16.66  | cps   |
| Sodium     | 23-2  | 1233452 | 1224502 | 1221645 | 1226533 | 0.50   | cps   |
| Strontium  | 86-1  | 57974   | 56384   | 57446   | 57268   | 1.41   | cps   |
| Strontium  | 88-1  | 484992  | 478232  | 478832  | 480685  | 0.78   | cps   |
| Sulfur     | 34-1  | 513564  | 507576  | 502843  | 507994  | 1.06   | cps   |
| Terbium    | 159-1 | 5267412 | 5335964 | 5304727 | 5302701 | 0.65   | cps   |
| Terbium    | 159-2 | 1663762 | 1642102 | 1642290 | 1649385 | 0.75   | cps   |
| Thallium   | 203-1 | 100     | 133     | 175     | 136     | 27.61  | cps   |
| Thallium   | 205-1 | 283     | 317     | 342     | 314     | 9.32   | cps   |
| Tin        | 118-1 | 458     | 550     | 450     | 486     | 11.41  | cps   |
| Titanium   | 47-1  | 667     | 700     | 783     | 717     | 8.39   | cps   |
| Uranium    | 238-1 | 208     | 325     | 275     | 269     | 21.72  | cps   |
| Vanadium   | 51-2  | 93      | 67      | 70      | 77      | 18.95  | cps   |
| Yttrium    | 89-1  | 5807188 | 5694231 | 5740221 | 5747214 | 0.99   | cps   |
| Yttrium    | 89-2  | 249070  | 243797  | 243272  | 245380  | 1.31   | cps   |
| Zinc       | 66-2  | 7482    | 7916    | 7349    | 7582    | 3.91   | cps   |
| Zirconium  | 90-1  | 708     | 950     | 808     | 822     | 14.77  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-04             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-04-FL1-CL4-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:39:32  | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 142  | 292  | 206     | 37.67  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-05-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:42:40  | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 242     | 192     | 133     | 189     | 28.71  | cps   |
| Antimony   | 121-1 | 783     | 708     | 733     | 742     | 5.15   | cps   |
| Arsenic    | 75-2  | 63      | 46      | 46      | 52      | 18.55  | cps   |
| Barium     | 135-1 | 35332   | 35373   | 34245   | 34983   | 1.83   | cps   |
| Barium     | 137-1 | 61243   | 60841   | 59166   | 60417   | 1.82   | cps   |
| Beryllium  | 9-1   | 100     | 67      | 94      | 87      | 20.52  | cps   |
| Bismuth    | 209-1 | 2839098 | 2796691 | 2778413 | 2804734 | 1.11   | cps   |
| Bismuth    | 209-2 | 1230157 | 1136661 | 1217389 | 1194736 | 4.24   | cps   |
| Boron      | 10-1  | 1250    | 1350    | 1258    | 1286    | 4.31   | cps   |
| Boron      | 11-1  | 6218    | 6135    | 5960    | 6104    | 2.16   | cps   |
| Cadmium    | 111-1 | 1059    | 1171    | 1055    | 1095    | 6.01   | cps   |
| Cadmium    | 106-1 | 1317    | 1550    | 1383    | 1417    | 8.48   | cps   |
| Cadmium    | 108-1 | 13      | 8       | 25      | 15      | 56.79  | cps   |
| Calcium    | 43-1  | 154815  | 153144  | 153397  | 153785  | 0.59   | cps   |
| Calcium    | 44-1  | 2633544 | 2581543 | 2621889 | 2612325 | 1.04   | cps   |
| Chromium   | 52-2  | 1063    | 893     | 903     | 953     | 10.01  | cps   |
| Cobalt     | 59-2  | 177     | 123     | 140     | 147     | 18.60  | cps   |
| Copper     | 63-2  | 323093  | 319461  | 320138  | 320897  | 0.60   | cps   |
| Dysprosium | 156-1 | 75      | 25      | 33      | 44      | 60.28  | cps   |
| Dysprosium | 156-2 | 10      | 23      | 3       | 12      | 83.33  | cps   |
| Erbium     | 164-1 | 50      | 42      | 50      | 47      | 10.18  | cps   |
| Erbium     | 164-2 | 23      | 10      | 17      | 17      | 39.99  | cps   |
| Gadolinium | 160-1 | 83      | 83      | 108     | 92      | 15.74  | cps   |
| Gadolinium | 160-2 | 13      | 20      | 23      | 19      | 26.96  | cps   |
| Holmium    | 165-1 | 5072487 | 4975333 | 4969647 | 5005822 | 1.15   | cps   |
| Holmium    | 165-2 | 1748355 | 1575017 | 1669662 | 1664345 | 5.21   | cps   |
| Indium     | 115-1 | 5208359 | 5161686 | 5122692 | 5164246 | 0.83   | cps   |
| Indium     | 115-2 | 333875  | 309516  | 330129  | 324507  | 4.04   | cps   |
| Iron       | 56-2  | 16389   | 16333   | 15481   | 16068   | 3.17   | cps   |
| Iron       | 57-2  | 400     | 428     | 422     | 417     | 3.53   | cps   |
| Lead       | 206-1 | 5468    | 5540    | 5268    | 5425    | 2.60   | cps   |
| Lead       | 207-1 | 4495    | 4829    | 4784    | 4703    | 3.85   | cps   |
| Lead       | 208-1 | 21613   | 22231   | 21830   | 21891   | 1.43   | cps   |
| Lithium    | 6-1   | 957327  | 933590  | 938158  | 943025  | 1.34   | cps   |
| Magnesium  | 24-2  | 56973   | 56998   | 56304   | 56759   | 0.69   | cps   |
| Manganese  | 55-2  | 3854    | 3781    | 3821    | 3818    | 0.96   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-05-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:42:40  | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 417     | 508     | 425     | 450     | 11.26  | cps   |
| Molybdenum | 95-1  | 225     | 192     | 133     | 183     | 25.31  | cps   |
| Molybdenum | 96-1  | 308     | 317     | 275     | 300     | 7.35   | cps   |
| Molybdenum | 97-1  | 150     | 225     | 150     | 175     | 24.74  | cps   |
| Molybdenum | 98-1  | 275     | 283     | 242     | 267     | 8.27   | cps   |
| Neodymium  | 150-1 | 40      | 47      | 27      | 38      | 26.95  | cps   |
| Neodymium  | 150-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Nickel     | 60-2  | 4237    | 4381    | 4474    | 4364    | 2.73   | cps   |
| Phosphorus | 31-2  | 400     | 483     | 467     | 450     | 9.80   | cps   |
| Potassium  | 39-2  | 20290   | 20065   | 20925   | 20427   | 2.18   | cps   |
| Rhodium    | 103-1 | 5046783 | 4970865 | 4948617 | 4988755 | 1.03   | cps   |
| Rhodium    | 103-2 | 1753065 | 1621470 | 1722846 | 1699127 | 4.06   | cps   |
| Scandium   | 45-1  | 3787109 | 3720435 | 3704646 | 3737396 | 1.17   | cps   |
| Scandium   | 45-2  | 37975   | 35572   | 37300   | 36949   | 3.35   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 6       | 4       | 7       | 6       | 33.38  | cps   |
| Selenium   | 82-1  | -125    | -121    | -45     | -97     | -46.12 | cps   |
| Silicon    | 28-1  | 5272787 | 5264505 | 5190861 | 5242718 | 0.86   | cps   |
| Silver     | 109-1 | 92      | 117     | 125     | 111     | 15.61  | cps   |
| Silver     | 107-1 | 167     | 142     | 208     | 172     | 19.56  | cps   |
| Sodium     | 23-2  | 1256120 | 1244473 | 1225262 | 1241952 | 1.25   | cps   |
| Strontium  | 86-1  | 58945   | 56275   | 58962   | 58061   | 2.66   | cps   |
| Strontium  | 88-1  | 488862  | 486716  | 485921  | 487166  | 0.31   | cps   |
| Sulfur     | 34-1  | 502335  | 505910  | 506329  | 504858  | 0.43   | cps   |
| Terbium    | 159-1 | 5486029 | 5356558 | 5381080 | 5407889 | 1.27   | cps   |
| Terbium    | 159-2 | 1688782 | 1555292 | 1694612 | 1646229 | 4.79   | cps   |
| Thallium   | 203-1 | 150     | 125     | 92      | 122     | 23.95  | cps   |
| Thallium   | 205-1 | 267     | 225     | 250     | 247     | 8.48   | cps   |
| Tin        | 118-1 | 667     | 825     | 967     | 820     | 18.32  | cps   |
| Titanium   | 47-1  | 625     | 717     | 658     | 667     | 6.96   | cps   |
| Uranium    | 238-1 | 283     | 208     | 258     | 250     | 15.27  | cps   |
| Vanadium   | 51-2  | 50      | 67      | 70      | 62      | 17.22  | cps   |
| Yttrium    | 89-1  | 5916582 | 5778867 | 5772856 | 5822769 | 1.40   | cps   |
| Yttrium    | 89-2  | 251480  | 234136  | 245992  | 243869  | 3.63   | cps   |
| Zinc       | 66-2  | 58533   | 57378   | 57690   | 57867   | 1.03   | cps   |
| Zirconium  | 90-1  | 783     | 942     | 875     | 867     | 9.17   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-05-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:42:40  | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 200  | 225  | 222     | 9.44   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:45:49 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 8       | 0       | 8       | 100.02 | cps   |
| Antimony   | 121-1 | 58      | 58      | 17      | 44      | 54.12  | cps   |
| Arsenic    | 75-2  | 2       | 4       | 9       | 5       | 78.12  | cps   |
| Barium     | 135-1 | 25      | 17      | 33      | 25      | 33.32  | cps   |
| Barium     | 137-1 | 67      | 33      | 67      | 56      | 34.65  | cps   |
| Beryllium  | 9-1   | 44      | 72      | 89      | 69      | 32.76  | cps   |
| Bismuth    | 209-1 | 2637983 | 2577285 | 2551817 | 2589028 | 1.71   | cps   |
| Bismuth    | 209-2 | 1129833 | 1127406 | 1123615 | 1126951 | 0.28   | cps   |
| Boron      | 10-1  | 567     | 458     | 542     | 522     | 10.86  | cps   |
| Boron      | 11-1  | 2167    | 2475    | 2217    | 2286    | 7.24   | cps   |
| Cadmium    | 111-1 | 830     | 866     | 955     | 884     | 7.27   | cps   |
| Cadmium    | 106-1 | 1183    | 1200    | 1358    | 1247    | 7.74   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 13      | 7       | 69.23  | cps   |
| Calcium    | 43-1  | 5076    | 4934    | 4759    | 4923    | 3.22   | cps   |
| Calcium    | 44-1  | 83934   | 83716   | 82710   | 83454   | 0.78   | cps   |
| Chromium   | 52-2  | 893     | 1033    | 907     | 944     | 8.18   | cps   |
| Cobalt     | 59-2  | 73      | 50      | 87      | 70      | 26.51  | cps   |
| Copper     | 63-2  | 620     | 640     | 690     | 650     | 5.55   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 8       | 14      | 69.31  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Erbium     | 164-2 | 7       | 7       | 3       | 6       | 34.70  | cps   |
| Gadolinium | 160-1 | 50      | 17      | 50      | 39      | 49.48  | cps   |
| Gadolinium | 160-2 | 10      | 3       | 13      | 9       | 57.30  | cps   |
| Holmium    | 165-1 | 4646754 | 4519540 | 4609639 | 4591978 | 1.42   | cps   |
| Holmium    | 165-2 | 1499460 | 1511076 | 1505924 | 1505487 | 0.39   | cps   |
| Indium     | 115-1 | 4736484 | 4656270 | 4619166 | 4670640 | 1.28   | cps   |
| Indium     | 115-2 | 304382  | 308825  | 307075  | 306761  | 0.73   | cps   |
| Iron       | 56-2  | 3362    | 3351    | 3701    | 3471    | 5.73   | cps   |
| Iron       | 57-2  | 89      | 78      | 89      | 85      | 7.53   | cps   |
| Lead       | 206-1 | 2070857 | 2005807 | 1992074 | 2022913 | 2.08   | cps   |
| Lead       | 207-1 | 1871602 | 1846439 | 1805448 | 1841163 | 1.81   | cps   |
| Lead       | 208-1 | 8282384 | 8172936 | 8143582 | 8199634 | 0.89   | cps   |
| Lithium    | 6-1   | 845722  | 840415  | 849198  | 845112  | 0.52   | cps   |
| Magnesium  | 24-2  | 92      | 83      | 117     | 97      | 17.84  | cps   |
| Manganese  | 55-2  | 80      | 67      | 43      | 63      | 29.31  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:45:49 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 225     | 100     | 133     | 153     | 42.37   | cps   |
| Molybdenum | 95-1  | 42      | 8       | 8       | 19      | 99.00   | cps   |
| Molybdenum | 96-1  | 67      | 108     | 75      | 83      | 26.46   | cps   |
| Molybdenum | 97-1  | 92      | 92      | 125     | 103     | 18.73   | cps   |
| Molybdenum | 98-1  | 25      | 17      | 8       | 17      | 50.01   | cps   |
| Neodymium  | 150-1 | 13      | 13      | 20      | 16      | 24.76   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 77      | 97      | 73      | 82      | 15.35   | cps   |
| Phosphorus | 31-2  | 0       | 17      | 8       | 8       | 100.02  | cps   |
| Potassium  | 39-2  | 4659    | 4251    | 4268    | 4393    | 5.26    | cps   |
| Rhodium    | 103-1 | 4608562 | 4556437 | 4607215 | 4590738 | 0.65    | cps   |
| Rhodium    | 103-2 | 1608090 | 1598624 | 1588273 | 1598329 | 0.62    | cps   |
| Scandium   | 45-1  | 3358104 | 3380914 | 3423253 | 3387424 | 0.98    | cps   |
| Scandium   | 45-2  | 34894   | 34800   | 34720   | 34804   | 0.25    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 2       | 6       | 2       | 3       | 69.39   | cps   |
| Selenium   | 82-1  | -29     | 7       | -33     | -18     | -120.30 | cps   |
| Silicon    | 28-1  | 544560  | 538994  | 539526  | 541027  | 0.57    | cps   |
| Silver     | 109-1 | 92      | 83      | 67      | 81      | 15.80   | cps   |
| Silver     | 107-1 | 75      | 58      | 92      | 75      | 22.22   | cps   |
| Sodium     | 23-2  | 8811    | 9270    | 9720    | 9267    | 4.90    | cps   |
| Strontium  | 86-1  | 1625    | 1350    | 1483    | 1486    | 9.25    | cps   |
| Strontium  | 88-1  | 142     | 175     | 175     | 164     | 11.74   | cps   |
| Sulfur     | 34-1  | 455016  | 454359  | 454967  | 454781  | 0.08    | cps   |
| Terbium    | 159-1 | 5006891 | 4954713 | 4931019 | 4964207 | 0.78    | cps   |
| Terbium    | 159-2 | 1497212 | 1492553 | 1495481 | 1495082 | 0.16    | cps   |
| Thallium   | 203-1 | 92      | 200     | 175     | 156     | 36.47   | cps   |
| Thallium   | 205-1 | 242     | 275     | 283     | 267     | 8.27    | cps   |
| Tin        | 118-1 | 2850    | 2967    | 2417    | 2745    | 10.56   | cps   |
| Titanium   | 47-1  | 208     | 242     | 225     | 225     | 7.41    | cps   |
| Uranium    | 238-1 | 25      | 50      | 33      | 36      | 35.25   | cps   |
| Vanadium   | 51-2  | 17      | 13      | 13      | 14      | 13.35   | cps   |
| Yttrium    | 89-1  | 5316644 | 5267583 | 5297217 | 5293815 | 0.47    | cps   |
| Yttrium    | 89-2  | 228163  | 229674  | 231258  | 229699  | 0.67    | cps   |
| Zinc       | 66-2  | 70      | 97      | 90      | 86      | 16.22   | cps   |
| Zirconium  | 90-1  | 375     | 375     | 392     | 381     | 2.53    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV95               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:45:49 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 83   | 75   | 86      | 14.78  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:48:59 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 33      | 17      | 31      | 41.66  | cps   |
| Antimony   | 121-1 | 58      | 117     | 33      | 69      | 61.58  | cps   |
| Arsenic    | 75-2  | 4       | 2       | 0       | 2       | 100.00 | cps   |
| Barium     | 135-1 | 25      | 33      | 42      | 33      | 25.00  | cps   |
| Barium     | 137-1 | 50      | 67      | 42      | 53      | 24.12  | cps   |
| Beryllium  | 9-1   | 50      | 50      | 61      | 54      | 11.94  | cps   |
| Bismuth    | 209-1 | 2597731 | 2462508 | 2549491 | 2536576 | 2.70   | cps   |
| Bismuth    | 209-2 | 1125304 | 1120611 | 1122810 | 1122908 | 0.21   | cps   |
| Boron      | 10-1  | 350     | 458     | 358     | 389     | 15.50  | cps   |
| Boron      | 11-1  | 2009    | 2059    | 2034    | 2034    | 1.23   | cps   |
| Cadmium    | 111-1 | 844     | 923     | 727     | 831     | 11.85  | cps   |
| Cadmium    | 106-1 | 1225    | 1317    | 1025    | 1189    | 12.55  | cps   |
| Cadmium    | 108-1 | 25      | 4       | 4       | 11      | 108.21 | cps   |
| Calcium    | 43-1  | 5143    | 4959    | 4793    | 4965    | 3.53   | cps   |
| Calcium    | 44-1  | 82644   | 81269   | 81898   | 81937   | 0.84   | cps   |
| Chromium   | 52-2  | 1067    | 873     | 917     | 952     | 10.65  | cps   |
| Cobalt     | 59-2  | 60      | 80      | 83      | 74      | 16.95  | cps   |
| Copper     | 63-2  | 597     | 640     | 567     | 601     | 6.13   | cps   |
| Dysprosium | 156-1 | 25      | 17      | 0       | 14      | 91.65  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 42      | 67      | 33      | 47      | 36.74  | cps   |
| Erbium     | 164-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 58      | 42      | 25      | 42      | 40.00  | cps   |
| Gadolinium | 160-2 | 0       | 7       | 10      | 6       | 91.64  | cps   |
| Holmium    | 165-1 | 4584155 | 4413280 | 4560257 | 4519231 | 2.05   | cps   |
| Holmium    | 165-2 | 1523605 | 1504236 | 1507559 | 1511800 | 0.69   | cps   |
| Indium     | 115-1 | 4675126 | 4535001 | 4702687 | 4637605 | 1.94   | cps   |
| Indium     | 115-2 | 309389  | 306011  | 308329  | 307910  | 0.56   | cps   |
| Iron       | 56-2  | 3095    | 3534    | 3156    | 3262    | 7.29   | cps   |
| Iron       | 57-2  | 128     | 72      | 50      | 83      | 48.08  | cps   |
| Lead       | 206-1 | 389     | 361     | 494     | 415     | 16.96  | cps   |
| Lead       | 207-1 | 489     | 444     | 433     | 456     | 6.45   | cps   |
| Lead       | 208-1 | 1833    | 1689    | 1761    | 1761    | 4.10   | cps   |
| Lithium    | 6-1   | 847943  | 816784  | 852116  | 838948  | 2.30   | cps   |
| Magnesium  | 24-2  | 67      | 108     | 83      | 86      | 24.35  | cps   |
| Manganese  | 55-2  | 67      | 57      | 73      | 66      | 12.79  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:48:59 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 233     | 83      | 58      | 125     | 75.72  | cps   |
| Molybdenum | 95-1  | 8       | 33      | 17      | 19      | 65.47  | cps   |
| Molybdenum | 96-1  | 108     | 50      | 33      | 64      | 61.65  | cps   |
| Molybdenum | 97-1  | 83      | 142     | 92      | 106     | 29.89  | cps   |
| Molybdenum | 98-1  | 33      | 17      | 33      | 28      | 34.63  | cps   |
| Neodymium  | 150-1 | 20      | 0       | 20      | 13      | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 57      | 73      | 53      | 61      | 17.53  | cps   |
| Phosphorus | 31-2  | 42      | 17      | 8       | 22      | 78.07  | cps   |
| Potassium  | 39-2  | 3876    | 4218    | 3992    | 4029    | 4.31   | cps   |
| Rhodium    | 103-1 | 4608109 | 4471816 | 4607025 | 4562317 | 1.72   | cps   |
| Rhodium    | 103-2 | 1618438 | 1599292 | 1576105 | 1597945 | 1.33   | cps   |
| Scandium   | 45-1  | 3453932 | 3278592 | 3364854 | 3365793 | 2.60   | cps   |
| Scandium   | 45-2  | 35141   | 34389   | 35716   | 35082   | 1.90   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 4       | 4       | 3       | 34.64  | cps   |
| Selenium   | 82-1  | -13     | -127    | -157    | -99     | -76.81 | cps   |
| Silicon    | 28-1  | 537849  | 541146  | 535360  | 538118  | 0.54   | cps   |
| Silver     | 109-1 | 67      | 42      | 42      | 50      | 28.87  | cps   |
| Silver     | 107-1 | 50      | 58      | 33      | 47      | 26.97  | cps   |
| Sodium     | 23-2  | 8803    | 9053    | 8703    | 8853    | 2.04   | cps   |
| Strontium  | 86-1  | 1500    | 1358    | 1292    | 1383    | 7.69   | cps   |
| Strontium  | 88-1  | 133     | 175     | 133     | 147     | 16.34  | cps   |
| Sulfur     | 34-1  | 455886  | 450943  | 451676  | 452835  | 0.59   | cps   |
| Terbium    | 159-1 | 4944517 | 4705865 | 4897576 | 4849319 | 2.61   | cps   |
| Terbium    | 159-2 | 1491673 | 1491282 | 1494751 | 1492569 | 0.13   | cps   |
| Thallium   | 203-1 | 92      | 117     | 167     | 125     | 30.55  | cps   |
| Thallium   | 205-1 | 208     | 225     | 375     | 269     | 34.07  | cps   |
| Tin        | 118-1 | 767     | 525     | 633     | 642     | 18.86  | cps   |
| Titanium   | 47-1  | 192     | 292     | 200     | 228     | 24.36  | cps   |
| Uranium    | 238-1 | 42      | 17      | 42      | 33      | 43.30  | cps   |
| Vanadium   | 51-2  | 23      | 3       | 7       | 11      | 96.43  | cps   |
| Yttrium    | 89-1  | 5362960 | 5083276 | 5227536 | 5224591 | 2.68   | cps   |
| Yttrium    | 89-2  | 231335  | 231369  | 231457  | 231387  | 0.03   | cps   |
| Zinc       | 66-2  | 30      | 33      | 20      | 28      | 24.98  | cps   |
| Zirconium  | 90-1  | 333     | 333     | 350     | 339     | 2.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB95               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB95               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:48:59 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 108  | 67   | 78      | 34.44  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-06 Instrumnet Name : P8  
 Client Sample ID : DC20894-06-FL1-BRCL4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:52:09 DataFile Name : 054SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 358     | 308     | 300     | 322     | 9.79   | cps   |
| Antimony   | 121-1 | 600     | 733     | 633     | 656     | 10.58  | cps   |
| Arsenic    | 75-2  | 57      | 43      | 48      | 49      | 15.16  | cps   |
| Barium     | 135-1 | 40931   | 39936   | 41909   | 40926   | 2.41   | cps   |
| Barium     | 137-1 | 71234   | 70078   | 68679   | 69997   | 1.83   | cps   |
| Beryllium  | 9-1   | 67      | 78      | 78      | 74      | 8.66   | cps   |
| Bismuth    | 209-1 | 2800432 | 2758087 | 2717520 | 2758680 | 1.50   | cps   |
| Bismuth    | 209-2 | 1202242 | 1203278 | 1193774 | 1199765 | 0.43   | cps   |
| Boron      | 10-1  | 1208    | 1225    | 1400    | 1278    | 8.31   | cps   |
| Boron      | 11-1  | 6468    | 6994    | 6860    | 6774    | 4.03   | cps   |
| Cadmium    | 111-1 | 891     | 1057    | 855     | 934     | 11.57  | cps   |
| Cadmium    | 106-1 | 1267    | 1483    | 1200    | 1317    | 11.25  | cps   |
| Cadmium    | 108-1 | 13      | 21      | 21      | 18      | 26.64  | cps   |
| Calcium    | 43-1  | 152401  | 151350  | 151656  | 151802  | 0.36   | cps   |
| Calcium    | 44-1  | 2609063 | 2561256 | 2540773 | 2570364 | 1.36   | cps   |
| Chromium   | 52-2  | 1103    | 980     | 1083    | 1056    | 6.27   | cps   |
| Cobalt     | 59-2  | 97      | 87      | 120     | 101     | 16.92  | cps   |
| Copper     | 63-2  | 232299  | 230922  | 231222  | 231481  | 0.31   | cps   |
| Dysprosium | 156-1 | 33      | 50      | 67      | 50      | 33.34  | cps   |
| Dysprosium | 156-2 | 13      | 10      | 23      | 16      | 44.60  | cps   |
| Erbium     | 164-1 | 50      | 83      | 58      | 64      | 27.15  | cps   |
| Erbium     | 164-2 | 13      | 10      | 10      | 11      | 17.30  | cps   |
| Gadolinium | 160-1 | 108     | 83      | 100     | 97      | 13.09  | cps   |
| Gadolinium | 160-2 | 23      | 30      | 20      | 24      | 20.83  | cps   |
| Holmium    | 165-1 | 4995221 | 4928602 | 4900887 | 4941570 | 0.98   | cps   |
| Holmium    | 165-2 | 1686881 | 1634374 | 1658724 | 1659993 | 1.58   | cps   |
| Indium     | 115-1 | 5164955 | 5090399 | 5073673 | 5109676 | 0.95   | cps   |
| Indium     | 115-2 | 331180  | 326611  | 327449  | 328414  | 0.74   | cps   |
| Iron       | 56-2  | 22903   | 23027   | 22970   | 22967   | 0.27   | cps   |
| Iron       | 57-2  | 439     | 667     | 511     | 539     | 21.60  | cps   |
| Lead       | 206-1 | 7947    | 7908    | 7853    | 7903    | 0.60   | cps   |
| Lead       | 207-1 | 6935    | 6891    | 6463    | 6763    | 3.86   | cps   |
| Lead       | 208-1 | 31438   | 31177   | 30660   | 31092   | 1.27   | cps   |
| Lithium    | 6-1   | 952829  | 921741  | 918580  | 931050  | 2.03   | cps   |
| Magnesium  | 24-2  | 53251   | 55333   | 52857   | 53814   | 2.47   | cps   |
| Manganese  | 55-2  | 4217    | 3961    | 4184    | 4121    | 3.39   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-06             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-06-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:52:09  | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 492     | 375     | 400     | 422     | 14.55   | cps   |
| Molybdenum | 95-1  | 183     | 125     | 142     | 150     | 20.03   | cps   |
| Molybdenum | 96-1  | 225     | 375     | 208     | 269     | 34.07   | cps   |
| Molybdenum | 97-1  | 217     | 192     | 217     | 208     | 6.93    | cps   |
| Molybdenum | 98-1  | 350     | 300     | 242     | 297     | 18.24   | cps   |
| Neodymium  | 150-1 | 40      | 73      | 73      | 62      | 30.93   | cps   |
| Neodymium  | 150-2 | 10      | 13      | 3       | 9       | 57.30   | cps   |
| Nickel     | 60-2  | 4391    | 4127    | 4467    | 4329    | 4.12    | cps   |
| Phosphorus | 31-2  | 467     | 500     | 525     | 497     | 5.89    | cps   |
| Potassium  | 39-2  | 20466   | 20766   | 20616   | 20616   | 0.73    | cps   |
| Rhodium    | 103-1 | 5084080 | 4895304 | 4907638 | 4962340 | 2.13    | cps   |
| Rhodium    | 103-2 | 1710746 | 1719422 | 1730048 | 1720072 | 0.56    | cps   |
| Scandium   | 45-1  | 3757405 | 3642355 | 3662825 | 3687529 | 1.66    | cps   |
| Scandium   | 45-2  | 37484   | 36962   | 36354   | 36933   | 1.53    | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 2       | 2       | 2       | 2       | 0.00    | cps   |
| Selenium   | 82-1  | -47     | 25      | -59     | -27     | -170.48 | cps   |
| Silicon    | 28-1  | 5236888 | 5194654 | 5231812 | 5221118 | 0.44    | cps   |
| Silver     | 109-1 | 83      | 175     | 83      | 114     | 46.47   | cps   |
| Silver     | 107-1 | 133     | 158     | 158     | 150     | 9.62    | cps   |
| Sodium     | 23-2  | 1238022 | 1227327 | 1231545 | 1232298 | 0.44    | cps   |
| Strontium  | 86-1  | 60485   | 59916   | 58075   | 59492   | 2.12    | cps   |
| Strontium  | 88-1  | 503734  | 499895  | 494426  | 499352  | 0.94    | cps   |
| Sulfur     | 34-1  | 508361  | 507855  | 506328  | 507515  | 0.21    | cps   |
| Terbium    | 159-1 | 5308084 | 5260529 | 5257216 | 5275276 | 0.54    | cps   |
| Terbium    | 159-2 | 1673446 | 1648075 | 1589218 | 1636913 | 2.64    | cps   |
| Thallium   | 203-1 | 150     | 100     | 100     | 117     | 24.74   | cps   |
| Thallium   | 205-1 | 267     | 283     | 275     | 275     | 3.03    | cps   |
| Tin        | 118-1 | 617     | 725     | 658     | 667     | 8.20    | cps   |
| Titanium   | 47-1  | 717     | 608     | 633     | 653     | 8.69    | cps   |
| Uranium    | 238-1 | 217     | 175     | 308     | 233     | 29.23   | cps   |
| Vanadium   | 51-2  | 77      | 67      | 93      | 79      | 17.08   | cps   |
| Yttrium    | 89-1  | 5874007 | 5748000 | 5694892 | 5772300 | 1.59    | cps   |
| Yttrium    | 89-2  | 246549  | 245768  | 245952  | 246090  | 0.17    | cps   |
| Zinc       | 66-2  | 10611   | 10954   | 10948   | 10838   | 1.81    | cps   |
| Zirconium  | 90-1  | 858     | 925     | 808     | 864     | 6.78    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-06             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-06-FL1-BRCL4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:52:09  | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 183  | 200  | 203     | 10.34  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-07 Instrumnet Name : P8  
 Client Sample ID : DC20894-07-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:55:19 DataFile Name : 055SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1317    | 1117    | 967     | 1133    | 15.50  | cps   |
| Antimony   | 121-1 | 708     | 575     | 592     | 625     | 11.62  | cps   |
| Arsenic    | 75-2  | 46      | 61      | 50      | 52      | 14.69  | cps   |
| Barium     | 135-1 | 35190   | 34446   | 35916   | 35184   | 2.09   | cps   |
| Barium     | 137-1 | 61654   | 60163   | 61979   | 61266   | 1.58   | cps   |
| Beryllium  | 9-1   | 56      | 94      | 100     | 83      | 29.06  | cps   |
| Bismuth    | 209-1 | 2826364 | 2606264 | 2733130 | 2721919 | 4.06   | cps   |
| Bismuth    | 209-2 | 1195175 | 1203597 | 1194760 | 1197844 | 0.42   | cps   |
| Boron      | 10-1  | 1267    | 1342    | 1342    | 1317    | 3.29   | cps   |
| Boron      | 11-1  | 5968    | 6068    | 6543    | 6193    | 4.96   | cps   |
| Cadmium    | 111-1 | 1000    | 936     | 899     | 945     | 5.39   | cps   |
| Cadmium    | 106-1 | 1375    | 1317    | 1267    | 1320    | 4.11   | cps   |
| Cadmium    | 108-1 | 13      | 21      | 13      | 15      | 31.48  | cps   |
| Calcium    | 43-1  | 152429  | 149472  | 149228  | 150376  | 1.18   | cps   |
| Calcium    | 44-1  | 2597519 | 2560933 | 2517719 | 2558724 | 1.56   | cps   |
| Chromium   | 52-2  | 1070    | 1077    | 1163    | 1103    | 4.72   | cps   |
| Cobalt     | 59-2  | 193     | 160     | 210     | 188     | 13.56  | cps   |
| Copper     | 63-2  | 156645  | 157150  | 156469  | 156755  | 0.23   | cps   |
| Dysprosium | 156-1 | 50      | 67      | 8       | 42      | 72.12  | cps   |
| Dysprosium | 156-2 | 10      | 17      | 3       | 10      | 66.70  | cps   |
| Erbium     | 164-1 | 75      | 83      | 100     | 86      | 14.79  | cps   |
| Erbium     | 164-2 | 20      | 27      | 17      | 21      | 24.12  | cps   |
| Gadolinium | 160-1 | 133     | 108     | 108     | 117     | 12.37  | cps   |
| Gadolinium | 160-2 | 33      | 37      | 33      | 34      | 5.60   | cps   |
| Holmium    | 165-1 | 5011474 | 4740205 | 4788374 | 4846684 | 2.99   | cps   |
| Holmium    | 165-2 | 1638844 | 1641700 | 1658549 | 1646365 | 0.65   | cps   |
| Indium     | 115-1 | 5067651 | 4835789 | 4997973 | 4967138 | 2.40   | cps   |
| Indium     | 115-2 | 328810  | 333385  | 325890  | 329362  | 1.15   | cps   |
| Iron       | 56-2  | 26199   | 25085   | 24951   | 25411   | 2.70   | cps   |
| Iron       | 57-2  | 572     | 639     | 661     | 624     | 7.41   | cps   |
| Lead       | 206-1 | 2106    | 2095    | 1967    | 2056    | 3.76   | cps   |
| Lead       | 207-1 | 1845    | 1717    | 1995    | 1852    | 7.51   | cps   |
| Lead       | 208-1 | 8190    | 8040    | 8146    | 8125    | 0.95   | cps   |
| Lithium    | 6-1   | 933264  | 860746  | 917086  | 903699  | 4.21   | cps   |
| Magnesium  | 24-2  | 54765   | 55526   | 54639   | 54977   | 0.87   | cps   |
| Manganese  | 55-2  | 5338    | 5408    | 5341    | 5362    | 0.74   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-07              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-07-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:55:19   | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 450     | 400     | 450     | 433     | 6.66   | cps   |
| Molybdenum | 95-1  | 175     | 150     | 183     | 169     | 10.24  | cps   |
| Molybdenum | 96-1  | 167     | 267     | 308     | 247     | 29.45  | cps   |
| Molybdenum | 97-1  | 192     | 200     | 175     | 189     | 6.74   | cps   |
| Molybdenum | 98-1  | 250     | 233     | 258     | 247     | 5.15   | cps   |
| Neodymium  | 150-1 | 40      | 53      | 67      | 53      | 25.00  | cps   |
| Neodymium  | 150-2 | 10      | 10      | 10      | 10      | 0.00   | cps   |
| Nickel     | 60-2  | 673     | 707     | 780     | 720     | 7.58   | cps   |
| Phosphorus | 31-2  | 517     | 508     | 417     | 481     | 11.55  | cps   |
| Potassium  | 39-2  | 19539   | 20132   | 19965   | 19879   | 1.54   | cps   |
| Rhodium    | 103-1 | 4986219 | 4722955 | 4900629 | 4869934 | 2.76   | cps   |
| Rhodium    | 103-2 | 1703889 | 1699583 | 1700004 | 1701159 | 0.14   | cps   |
| Scandium   | 45-1  | 3711726 | 3480252 | 3667404 | 3619794 | 3.39   | cps   |
| Scandium   | 45-2  | 38008   | 38396   | 38556   | 38320   | 0.74   | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 4       | 0       | 4       | 2       | 86.60  | cps   |
| Selenium   | 82-1  | -138    | -45     | -58     | -81     | -62.44 | cps   |
| Silicon    | 28-1  | 5321137 | 5255890 | 5210970 | 5262666 | 1.05   | cps   |
| Silver     | 109-1 | 117     | 100     | 117     | 111     | 8.66   | cps   |
| Silver     | 107-1 | 142     | 133     | 150     | 142     | 5.88   | cps   |
| Sodium     | 23-2  | 1224554 | 1222857 | 1228903 | 1225438 | 0.25   | cps   |
| Strontium  | 86-1  | 57982   | 58167   | 56995   | 57715   | 1.09   | cps   |
| Strontium  | 88-1  | 481497  | 476984  | 481116  | 479866  | 0.52   | cps   |
| Sulfur     | 34-1  | 502378  | 506047  | 505119  | 504515  | 0.38   | cps   |
| Terbium    | 159-1 | 5366508 | 5072645 | 5242196 | 5227116 | 2.82   | cps   |
| Terbium    | 159-2 | 1604384 | 1596241 | 1622526 | 1607717 | 0.84   | cps   |
| Thallium   | 203-1 | 108     | 150     | 142     | 133     | 16.54  | cps   |
| Thallium   | 205-1 | 225     | 342     | 350     | 306     | 22.87  | cps   |
| Tin        | 118-1 | 1725    | 1675    | 1767    | 1722    | 2.66   | cps   |
| Titanium   | 47-1  | 708     | 692     | 642     | 681     | 5.10   | cps   |
| Uranium    | 238-1 | 208     | 233     | 300     | 247     | 19.17  | cps   |
| Vanadium   | 51-2  | 97      | 83      | 60      | 80      | 23.20  | cps   |
| Yttrium    | 89-1  | 5779085 | 5429759 | 5778631 | 5662492 | 3.56   | cps   |
| Yttrium    | 89-2  | 247185  | 248951  | 247095  | 247744  | 0.42   | cps   |
| Zinc       | 66-2  | 40238   | 40509   | 40409   | 40385   | 0.34   | cps   |
| Zirconium  | 90-1  | 800     | 1008    | 875     | 895     | 11.80  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-07              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-07-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:55:19   | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 192  | 167  | 186     | 9.32   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-08 Instrumnet Name : P8  
 Client Sample ID : DC20894-08-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:58:29 DataFile Name : 056SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1150    | 1050    | 1283    | 1161    | 10.08  | cps   |
| Antimony   | 121-1 | 500     | 658     | 633     | 597     | 14.25  | cps   |
| Arsenic    | 75-2  | 70      | 46      | 35      | 51      | 35.53  | cps   |
| Barium     | 135-1 | 35867   | 34170   | 34554   | 34864   | 2.55   | cps   |
| Barium     | 137-1 | 61946   | 61210   | 59761   | 60972   | 1.82   | cps   |
| Beryllium  | 9-1   | 56      | 61      | 56      | 57      | 5.58   | cps   |
| Bismuth    | 209-1 | 2799872 | 2770102 | 2725031 | 2765002 | 1.36   | cps   |
| Bismuth    | 209-2 | 1188365 | 1213834 | 1201492 | 1201230 | 1.06   | cps   |
| Boron      | 10-1  | 1375    | 1425    | 1242    | 1347    | 7.03   | cps   |
| Boron      | 11-1  | 6368    | 6493    | 6760    | 6541    | 3.06   | cps   |
| Cadmium    | 111-1 | 768     | 1014    | 997     | 926     | 14.82  | cps   |
| Cadmium    | 106-1 | 1083    | 1433    | 1400    | 1306    | 14.80  | cps   |
| Cadmium    | 108-1 | 4       | 21      | 0       | 8       | 132.26 | cps   |
| Calcium    | 43-1  | 146844  | 146819  | 148386  | 147350  | 0.61   | cps   |
| Calcium    | 44-1  | 2529297 | 2530231 | 2517693 | 2525740 | 0.28   | cps   |
| Chromium   | 52-2  | 1110    | 1080    | 1017    | 1069    | 4.46   | cps   |
| Cobalt     | 59-2  | 250     | 177     | 203     | 210     | 17.68  | cps   |
| Copper     | 63-2  | 173825  | 176623  | 172671  | 174373  | 1.17   | cps   |
| Dysprosium | 156-1 | 58      | 33      | 42      | 44      | 28.65  | cps   |
| Dysprosium | 156-2 | 17      | 10      | 20      | 16      | 32.73  | cps   |
| Erbium     | 164-1 | 67      | 67      | 58      | 64      | 7.53   | cps   |
| Erbium     | 164-2 | 13      | 7       | 30      | 17      | 72.11  | cps   |
| Gadolinium | 160-1 | 133     | 108     | 92      | 111     | 18.88  | cps   |
| Gadolinium | 160-2 | 30      | 10      | 40      | 27      | 57.28  | cps   |
| Holmium    | 165-1 | 4959329 | 4952998 | 4895122 | 4935816 | 0.72   | cps   |
| Holmium    | 165-2 | 1631607 | 1673565 | 1600698 | 1635290 | 2.24   | cps   |
| Indium     | 115-1 | 5078983 | 5117309 | 5089718 | 5095337 | 0.39   | cps   |
| Indium     | 115-2 | 327796  | 329849  | 327995  | 328547  | 0.34   | cps   |
| Iron       | 56-2  | 23220   | 24862   | 25434   | 24505   | 4.69   | cps   |
| Iron       | 57-2  | 1006    | 761     | 633     | 800     | 23.67  | cps   |
| Lead       | 206-1 | 1839    | 1667    | 1756    | 1754    | 4.91   | cps   |
| Lead       | 207-1 | 1661    | 1700    | 1600    | 1654    | 3.05   | cps   |
| Lead       | 208-1 | 7179    | 7240    | 7257    | 7225    | 0.57   | cps   |
| Lithium    | 6-1   | 925759  | 915408  | 914727  | 918632  | 0.67   | cps   |
| Magnesium  | 24-2  | 53543   | 55367   | 55844   | 54918   | 2.21   | cps   |
| Manganese  | 55-2  | 4784    | 5091    | 5118    | 4998    | 3.71   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-08 Instrumnet Name : P8  
 Client Sample ID : DC20894-08-FL1-KI-W4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 14:58:29 DataFile Name : 056SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 350     | 242     | 283     | 292     | 18.74   | cps   |
| Molybdenum | 95-1  | 125     | 217     | 200     | 181     | 27.04   | cps   |
| Molybdenum | 96-1  | 308     | 317     | 225     | 283     | 17.89   | cps   |
| Molybdenum | 97-1  | 100     | 200     | 167     | 156     | 32.73   | cps   |
| Molybdenum | 98-1  | 317     | 175     | 250     | 247     | 28.67   | cps   |
| Neodymium  | 150-1 | 73      | 33      | 80      | 62      | 40.57   | cps   |
| Neodymium  | 150-2 | 3       | 17      | 3       | 8       | 99.04   | cps   |
| Nickel     | 60-2  | 410     | 453     | 410     | 424     | 5.90    | cps   |
| Phosphorus | 31-2  | 508     | 525     | 508     | 514     | 1.87    | cps   |
| Potassium  | 39-2  | 20282   | 21718   | 20307   | 20769   | 3.96    | cps   |
| Rhodium    | 103-1 | 4984661 | 4903818 | 4983241 | 4957240 | 0.93    | cps   |
| Rhodium    | 103-2 | 1724979 | 1706285 | 1716896 | 1716053 | 0.55    | cps   |
| Scandium   | 45-1  | 3680852 | 3717933 | 3690307 | 3696364 | 0.52    | cps   |
| Scandium   | 45-2  | 37748   | 37918   | 37226   | 37631   | 0.96    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 4       | 7       | 7       | 6       | 34.70   | cps   |
| Selenium   | 82-1  | -9      | 4       | -30     | -11     | -151.61 | cps   |
| Silicon    | 28-1  | 5347762 | 5213257 | 5619138 | 5393386 | 3.83    | cps   |
| Silver     | 109-1 | 208     | 150     | 150     | 169     | 19.88   | cps   |
| Silver     | 107-1 | 150     | 167     | 108     | 142     | 21.21   | cps   |
| Sodium     | 23-2  | 1215857 | 1225496 | 1210259 | 1217204 | 0.63    | cps   |
| Strontium  | 86-1  | 57213   | 56928   | 57539   | 57227   | 0.53    | cps   |
| Strontium  | 88-1  | 482714  | 482064  | 478158  | 480979  | 0.51    | cps   |
| Sulfur     | 34-1  | 500918  | 499751  | 501831  | 500833  | 0.21    | cps   |
| Terbium    | 159-1 | 5310793 | 5318482 | 5190600 | 5273291 | 1.36    | cps   |
| Terbium    | 159-2 | 1637762 | 1648313 | 1646258 | 1644111 | 0.34    | cps   |
| Thallium   | 203-1 | 83      | 142     | 117     | 114     | 25.70   | cps   |
| Thallium   | 205-1 | 275     | 308     | 258     | 281     | 9.07    | cps   |
| Tin        | 118-1 | 1175    | 983     | 1033    | 1064    | 9.34    | cps   |
| Titanium   | 47-1  | 825     | 750     | 592     | 722     | 16.50   | cps   |
| Uranium    | 238-1 | 283     | 208     | 150     | 214     | 31.25   | cps   |
| Vanadium   | 51-2  | 90      | 80      | 103     | 91      | 12.85   | cps   |
| Yttrium    | 89-1  | 5772412 | 5812400 | 5744269 | 5776360 | 0.59    | cps   |
| Yttrium    | 89-2  | 246148  | 249674  | 245911  | 247244  | 0.85    | cps   |
| Zinc       | 66-2  | 8366    | 8750    | 8763    | 8626    | 2.61    | cps   |
| Zirconium  | 90-1  | 958     | 783     | 908     | 883     | 10.20   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-08              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-08-FL1-KI-W4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 14:58:29   | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 233  | 183  | 217     | 13.33  | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-09 Instrumnet Name : P8  
 Client Sample ID : DC20894-09-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:01:40 DataFile Name : 057SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 533     | 558     | 583     | 558     | 4.48   | cps   |
| Antimony   | 121-1 | 733     | 608     | 925     | 756     | 21.11  | cps   |
| Arsenic    | 75-2  | 46      | 22      | 61      | 43      | 45.43  | cps   |
| Barium     | 135-1 | 35515   | 33017   | 34346   | 34293   | 3.64   | cps   |
| Barium     | 137-1 | 60163   | 57878   | 58648   | 58896   | 1.97   | cps   |
| Beryllium  | 9-1   | 33      | 67      | 78      | 59      | 39.04  | cps   |
| Bismuth    | 209-1 | 2773221 | 2771954 | 2741977 | 2762384 | 0.64   | cps   |
| Bismuth    | 209-2 | 1199086 | 1169950 | 1182804 | 1183946 | 1.23   | cps   |
| Boron      | 10-1  | 1408    | 1142    | 1317    | 1289    | 10.51  | cps   |
| Boron      | 11-1  | 5918    | 6302    | 6002    | 6074    | 3.32   | cps   |
| Cadmium    | 111-1 | 976     | 994     | 876     | 949     | 6.71   | cps   |
| Cadmium    | 106-1 | 1367    | 1383    | 1258    | 1336    | 5.08   | cps   |
| Cadmium    | 108-1 | 21      | 17      | 25      | 21      | 19.99  | cps   |
| Calcium    | 43-1  | 150163  | 149083  | 145734  | 148326  | 1.56   | cps   |
| Calcium    | 44-1  | 2542845 | 2504154 | 2515860 | 2520953 | 0.79   | cps   |
| Chromium   | 52-2  | 1063    | 1040    | 1090    | 1065    | 2.35   | cps   |
| Cobalt     | 59-2  | 130     | 107     | 123     | 120     | 10.01  | cps   |
| Copper     | 63-2  | 118127  | 116977  | 117635  | 117580  | 0.49   | cps   |
| Dysprosium | 156-1 | 67      | 42      | 58      | 56      | 22.91  | cps   |
| Dysprosium | 156-2 | 23      | 13      | 7       | 14      | 58.06  | cps   |
| Erbium     | 164-1 | 67      | 83      | 33      | 61      | 41.67  | cps   |
| Erbium     | 164-2 | 27      | 17      | 37      | 27      | 37.50  | cps   |
| Gadolinium | 160-1 | 117     | 100     | 83      | 100     | 16.66  | cps   |
| Gadolinium | 160-2 | 23      | 30      | 33      | 29      | 17.63  | cps   |
| Holmium    | 165-1 | 4947176 | 4901668 | 4944990 | 4931278 | 0.52   | cps   |
| Holmium    | 165-2 | 1640098 | 1617895 | 1638964 | 1632319 | 0.77   | cps   |
| Indium     | 115-1 | 5034631 | 5062896 | 5113302 | 5070276 | 0.79   | cps   |
| Indium     | 115-2 | 329895  | 325432  | 324751  | 326692  | 0.86   | cps   |
| Iron       | 56-2  | 26632   | 27318   | 31459   | 28469   | 9.17   | cps   |
| Iron       | 57-2  | 661     | 622     | 789     | 691     | 12.62  | cps   |
| Lead       | 206-1 | 1572    | 1789    | 1556    | 1639    | 7.94   | cps   |
| Lead       | 207-1 | 1489    | 1283    | 1383    | 1385    | 7.42   | cps   |
| Lead       | 208-1 | 6373    | 6417    | 6106    | 6299    | 2.67   | cps   |
| Lithium    | 6-1   | 916853  | 911825  | 904768  | 911149  | 0.67   | cps   |
| Magnesium  | 24-2  | 54665   | 54497   | 54531   | 54564   | 0.16   | cps   |
| Manganese  | 55-2  | 5758    | 5858    | 5781    | 5799    | 0.90   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-09 Instrumnet Name : P8  
 Client Sample ID : DC20894-09-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:01:40 DataFile Name : 057SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 408     | 367     | 275     | 350     | 19.49   | cps   |
| Molybdenum | 95-1  | 125     | 217     | 200     | 181     | 27.04   | cps   |
| Molybdenum | 96-1  | 242     | 325     | 250     | 272     | 16.86   | cps   |
| Molybdenum | 97-1  | 158     | 100     | 208     | 156     | 34.86   | cps   |
| Molybdenum | 98-1  | 217     | 217     | 225     | 219     | 2.19    | cps   |
| Neodymium  | 150-1 | 53      | 27      | 100     | 60      | 61.86   | cps   |
| Neodymium  | 150-2 | 13      | 17      | 0       | 10      | 88.20   | cps   |
| Nickel     | 60-2  | 893     | 913     | 1023    | 943     | 7.42    | cps   |
| Phosphorus | 31-2  | 392     | 408     | 433     | 411     | 5.10    | cps   |
| Potassium  | 39-2  | 19756   | 19681   | 19990   | 19809   | 0.81    | cps   |
| Rhodium    | 103-1 | 4962456 | 4921392 | 4975021 | 4952957 | 0.57    | cps   |
| Rhodium    | 103-2 | 1722799 | 1710620 | 1702337 | 1711918 | 0.60    | cps   |
| Scandium   | 45-1  | 3714584 | 3626380 | 3673365 | 3671443 | 1.20    | cps   |
| Scandium   | 45-2  | 37326   | 36962   | 37366   | 37218   | 0.60    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 9       | 6       | 0       | 5       | 94.35   | cps   |
| Selenium   | 82-1  | -60     | -113    | 61      | -37     | -238.41 | cps   |
| Silicon    | 28-1  | 5375973 | 5194382 | 5176632 | 5248995 | 2.10    | cps   |
| Silver     | 109-1 | 100     | 92      | 83      | 92      | 9.09    | cps   |
| Silver     | 107-1 | 125     | 75      | 158     | 119     | 35.12   | cps   |
| Sodium     | 23-2  | 1205323 | 1214115 | 1219059 | 1212832 | 0.57    | cps   |
| Strontium  | 86-1  | 56594   | 57480   | 55874   | 56649   | 1.42    | cps   |
| Strontium  | 88-1  | 476071  | 472039  | 470004  | 472705  | 0.65    | cps   |
| Sulfur     | 34-1  | 507540  | 507308  | 502198  | 505682  | 0.60    | cps   |
| Terbium    | 159-1 | 5239745 | 5196487 | 5248676 | 5228303 | 0.53    | cps   |
| Terbium    | 159-2 | 1663568 | 1617674 | 1576902 | 1619382 | 2.68    | cps   |
| Thallium   | 203-1 | 117     | 183     | 183     | 161     | 23.89   | cps   |
| Thallium   | 205-1 | 225     | 258     | 383     | 289     | 28.90   | cps   |
| Tin        | 118-1 | 917     | 750     | 600     | 756     | 20.97   | cps   |
| Titanium   | 47-1  | 583     | 558     | 542     | 561     | 3.74    | cps   |
| Uranium    | 238-1 | 375     | 300     | 275     | 317     | 16.43   | cps   |
| Vanadium   | 51-2  | 80      | 87      | 90      | 86      | 5.95    | cps   |
| Yttrium    | 89-1  | 5789104 | 5704586 | 5734516 | 5742735 | 0.75    | cps   |
| Yttrium    | 89-2  | 248575  | 244891  | 246800  | 246755  | 0.75    | cps   |
| Zinc       | 66-2  | 46558   | 46635   | 46384   | 46526   | 0.28    | cps   |
| Zirconium  | 90-1  | 858     | 783     | 792     | 811     | 5.07    | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-09              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-09-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:01:40   | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 250  | 258  | 175  | 228     | 20.15  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-10              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-10-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:04:48   | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 483     | 450     | 442     | 458     | 4.81   | cps   |
| Antimony   | 121-1 | 492     | 492     | 375     | 453     | 14.88  | cps   |
| Arsenic    | 75-2  | 52      | 52      | 43      | 49      | 10.96  | cps   |
| Barium     | 135-1 | 32499   | 33234   | 32884   | 32872   | 1.12   | cps   |
| Barium     | 137-1 | 59468   | 57066   | 58539   | 58358   | 2.08   | cps   |
| Beryllium  | 9-1   | 67      | 72      | 44      | 61      | 24.05  | cps   |
| Bismuth    | 209-1 | 2754821 | 2738248 | 2784587 | 2759219 | 0.85   | cps   |
| Bismuth    | 209-2 | 1182571 | 1205650 | 1159626 | 1182616 | 1.95   | cps   |
| Boron      | 10-1  | 1275    | 1392    | 1133    | 1267    | 10.21  | cps   |
| Boron      | 11-1  | 5918    | 5551    | 6243    | 5904    | 5.86   | cps   |
| Cadmium    | 111-1 | 876     | 814     | 791     | 827     | 5.32   | cps   |
| Cadmium    | 106-1 | 1267    | 1133    | 1125    | 1175    | 6.77   | cps   |
| Cadmium    | 108-1 | 21      | 0       | 13      | 11      | 94.37  | cps   |
| Calcium    | 43-1  | 152208  | 150600  | 146776  | 149861  | 1.86   | cps   |
| Calcium    | 44-1  | 2547131 | 2495649 | 2536266 | 2526349 | 1.07   | cps   |
| Chromium   | 52-2  | 990     | 1033    | 1043    | 1022    | 2.77   | cps   |
| Cobalt     | 59-2  | 110     | 143     | 120     | 124     | 13.75  | cps   |
| Copper     | 63-2  | 113297  | 112930  | 113885  | 113371  | 0.42   | cps   |
| Dysprosium | 156-1 | 67      | 33      | 92      | 64      | 45.81  | cps   |
| Dysprosium | 156-2 | 30      | 17      | 43      | 30      | 44.43  | cps   |
| Erbium     | 164-1 | 83      | 83      | 108     | 92      | 15.74  | cps   |
| Erbium     | 164-2 | 30      | 20      | 23      | 24      | 20.83  | cps   |
| Gadolinium | 160-1 | 92      | 75      | 83      | 83      | 10.00  | cps   |
| Gadolinium | 160-2 | 37      | 23      | 37      | 32      | 23.90  | cps   |
| Holmium    | 165-1 | 4873727 | 4856897 | 4849535 | 4860053 | 0.26   | cps   |
| Holmium    | 165-2 | 1664908 | 1617732 | 1617626 | 1633422 | 1.67   | cps   |
| Indium     | 115-1 | 5063533 | 4980720 | 5028057 | 5024103 | 0.83   | cps   |
| Indium     | 115-2 | 326264  | 330581  | 317248  | 324698  | 2.10   | cps   |
| Iron       | 56-2  | 28174   | 30102   | 30411   | 29562   | 4.10   | cps   |
| Iron       | 57-2  | 806     | 739     | 661     | 735     | 9.83   | cps   |
| Lead       | 206-1 | 1222    | 1239    | 1211    | 1224    | 1.14   | cps   |
| Lead       | 207-1 | 1117    | 1067    | 1050    | 1078    | 3.22   | cps   |
| Lead       | 208-1 | 4984    | 4951    | 4862    | 4932    | 1.28   | cps   |
| Lithium    | 6-1   | 925587  | 910457  | 928102  | 921382  | 1.04   | cps   |
| Magnesium  | 24-2  | 54471   | 55150   | 55334   | 54985   | 0.83   | cps   |
| Manganese  | 55-2  | 5765    | 5838    | 5925    | 5842    | 1.37   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-10 Instrumnet Name : P8  
 Client Sample ID : DC20894-10-FL1-KI-W2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:04:48 DataFile Name : 058SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 3413    | 383     | 400     | 1399    | 124.70 | cps   |
| Molybdenum | 95-1  | 150     | 158     | 175     | 161     | 7.90   | cps   |
| Molybdenum | 96-1  | 350     | 292     | 167     | 269     | 34.76  | cps   |
| Molybdenum | 97-1  | 117     | 150     | 208     | 158     | 29.31  | cps   |
| Molybdenum | 98-1  | 242     | 333     | 300     | 292     | 15.91  | cps   |
| Neodymium  | 150-1 | 73      | 87      | 60      | 73      | 18.18  | cps   |
| Neodymium  | 150-2 | 3       | 13      | 10      | 9       | 57.30  | cps   |
| Nickel     | 60-2  | 337     | 273     | 333     | 314     | 11.34  | cps   |
| Phosphorus | 31-2  | 458     | 558     | 358     | 458     | 21.82  | cps   |
| Potassium  | 39-2  | 19456   | 20324   | 20165   | 19982   | 2.31   | cps   |
| Rhodium    | 103-1 | 4912016 | 4924160 | 4923634 | 4919936 | 0.14   | cps   |
| Rhodium    | 103-2 | 1707515 | 1713163 | 1619242 | 1679973 | 3.14   | cps   |
| Scandium   | 45-1  | 3707588 | 3634512 | 3639718 | 3660606 | 1.11   | cps   |
| Scandium   | 45-2  | 37350   | 37680   | 36949   | 37326   | 0.98   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 6       | 2       | 4       | 4       | 50.09  | cps   |
| Selenium   | 82-1  | -104    | -193    | 0       | -99     | -97.76 | cps   |
| Silicon    | 28-1  | 5233336 | 5229410 | 5207824 | 5223524 | 0.26   | cps   |
| Silver     | 109-1 | 175     | 142     | 117     | 144     | 20.26  | cps   |
| Silver     | 107-1 | 175     | 117     | 100     | 131     | 30.16  | cps   |
| Sodium     | 23-2  | 1222976 | 1223693 | 1225348 | 1224006 | 0.10   | cps   |
| Strontium  | 86-1  | 55990   | 56543   | 55656   | 56063   | 0.80   | cps   |
| Strontium  | 88-1  | 472659  | 467935  | 469360  | 469985  | 0.52   | cps   |
| Sulfur     | 34-1  | 507495  | 505192  | 506685  | 506457  | 0.23   | cps   |
| Terbium    | 159-1 | 5249437 | 5249627 | 5175983 | 5225016 | 0.81   | cps   |
| Terbium    | 159-2 | 1668509 | 1635500 | 1622095 | 1642035 | 1.45   | cps   |
| Thallium   | 203-1 | 92      | 125     | 108     | 108     | 15.39  | cps   |
| Thallium   | 205-1 | 250     | 217     | 242     | 236     | 7.35   | cps   |
| Tin        | 118-1 | 433     | 767     | 775     | 658     | 29.61  | cps   |
| Titanium   | 47-1  | 650     | 1176    | 767     | 864     | 31.94  | cps   |
| Uranium    | 238-1 | 233     | 350     | 325     | 303     | 20.29  | cps   |
| Vanadium   | 51-2  | 73      | 73      | 50      | 66      | 20.55  | cps   |
| Yttrium    | 89-1  | 5797515 | 5705682 | 5771237 | 5758144 | 0.82   | cps   |
| Yttrium    | 89-2  | 247180  | 250030  | 239571  | 245594  | 2.20   | cps   |
| Zinc       | 66-2  | 7369    | 7205    | 7189    | 7254    | 1.37   | cps   |
| Zirconium  | 90-1  | 758     | 1017    | 733     | 836     | 18.76  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-10              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-10-FL1-KI-W2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:04:48   | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 133  | 183  | 172     | 20.15  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-11 Instrumnet Name : P8  
 Client Sample ID : DC20894-11-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:07:56 DataFile Name : 059SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 217     | 192     | 217     | 208     | 6.93   | cps   |
| Antimony   | 121-1 | 692     | 750     | 875     | 772     | 12.13  | cps   |
| Arsenic    | 75-2  | 74      | 43      | 50      | 56      | 29.63  | cps   |
| Barium     | 135-1 | 38106   | 37262   | 36710   | 37359   | 1.88   | cps   |
| Barium     | 137-1 | 65530   | 65028   | 61703   | 64087   | 3.24   | cps   |
| Beryllium  | 9-1   | 67      | 94      | 56      | 72      | 27.73  | cps   |
| Bismuth    | 209-1 | 2337062 | 2718824 | 2712304 | 2589397 | 8.44   | cps   |
| Bismuth    | 209-2 | 1194016 | 1192305 | 1188449 | 1191590 | 0.24   | cps   |
| Boron      | 10-1  | 1250    | 1258    | 1108    | 1206    | 6.99   | cps   |
| Boron      | 11-1  | 5860    | 5610    | 6118    | 5863    | 4.34   | cps   |
| Cadmium    | 111-1 | 811     | 946     | 1005    | 921     | 10.81  | cps   |
| Cadmium    | 106-1 | 1150    | 1283    | 1333    | 1256    | 7.55   | cps   |
| Cadmium    | 108-1 | 33      | 21      | 17      | 24      | 36.73  | cps   |
| Calcium    | 43-1  | 153231  | 148335  | 147872  | 149813  | 1.98   | cps   |
| Calcium    | 44-1  | 2596678 | 2543116 | 2522167 | 2553987 | 1.50   | cps   |
| Chromium   | 52-2  | 1007    | 1030    | 1143    | 1060    | 6.90   | cps   |
| Cobalt     | 59-2  | 117     | 130     | 130     | 126     | 6.13   | cps   |
| Copper     | 63-2  | 274269  | 277055  | 277893  | 276406  | 0.69   | cps   |
| Dysprosium | 156-1 | 17      | 67      | 25      | 36      | 74.18  | cps   |
| Dysprosium | 156-2 | 30      | 13      | 17      | 20      | 44.10  | cps   |
| Erbium     | 164-1 | 100     | 75      | 33      | 69      | 48.50  | cps   |
| Erbium     | 164-2 | 20      | 10      | 23      | 18      | 39.03  | cps   |
| Gadolinium | 160-1 | 100     | 125     | 125     | 117     | 12.38  | cps   |
| Gadolinium | 160-2 | 30      | 40      | 13      | 28      | 48.51  | cps   |
| Holmium    | 165-1 | 4118019 | 4855889 | 4801139 | 4591682 | 8.95   | cps   |
| Holmium    | 165-2 | 1605024 | 1658154 | 1641328 | 1634836 | 1.66   | cps   |
| Indium     | 115-1 | 4251867 | 5035687 | 5026758 | 4771437 | 9.43   | cps   |
| Indium     | 115-2 | 324008  | 325701  | 325186  | 324965  | 0.27   | cps   |
| Iron       | 56-2  | 21951   | 25345   | 21918   | 23071   | 8.53   | cps   |
| Iron       | 57-2  | 583     | 483     | 494     | 520     | 10.53  | cps   |
| Lead       | 206-1 | 7786    | 7619    | 7986    | 7797    | 2.36   | cps   |
| Lead       | 207-1 | 6652    | 6630    | 6830    | 6704    | 1.64   | cps   |
| Lead       | 208-1 | 30715   | 30070   | 30771   | 30519   | 1.28   | cps   |
| Lithium    | 6-1   | 768658  | 929959  | 915386  | 871334  | 10.24  | cps   |
| Magnesium  | 24-2  | 53920   | 54196   | 55041   | 54386   | 1.07   | cps   |
| Manganese  | 55-2  | 5224    | 5174    | 5114    | 5171    | 1.07   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-11 Instrumnet Name : P8  
 Client Sample ID : DC20894-11-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:07:56 DataFile Name : 059SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 367     | 333     | 408     | 369     | 10.17   | cps   |
| Molybdenum | 95-1  | 208     | 183     | 242     | 211     | 13.86   | cps   |
| Molybdenum | 96-1  | 317     | 267     | 200     | 261     | 22.42   | cps   |
| Molybdenum | 97-1  | 200     | 183     | 183     | 189     | 5.09    | cps   |
| Molybdenum | 98-1  | 292     | 225     | 258     | 258     | 12.90   | cps   |
| Neodymium  | 150-1 | 20      | 67      | 33      | 40      | 60.10   | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 1807    | 1890    | 1934    | 1877    | 3.43    | cps   |
| Phosphorus | 31-2  | 633     | 333     | 483     | 483     | 31.03   | cps   |
| Potassium  | 39-2  | 20457   | 20182   | 20658   | 20432   | 1.17    | cps   |
| Rhodium    | 103-1 | 4152755 | 4874572 | 4886274 | 4637867 | 9.06    | cps   |
| Rhodium    | 103-2 | 1723891 | 1690698 | 1699481 | 1704690 | 1.01    | cps   |
| Scandium   | 45-1  | 3058650 | 3623844 | 3658475 | 3446990 | 9.77    | cps   |
| Scandium   | 45-2  | 37407   | 36835   | 37728   | 37323   | 1.21    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 4       | 2       | 7       | 4       | 65.54   | cps   |
| Selenium   | 82-1  | 42      | -137    | -89     | -61     | -150.60 | cps   |
| Silicon    | 28-1  | 5292546 | 5215768 | 5074680 | 5194331 | 2.13    | cps   |
| Silver     | 109-1 | 142     | 125     | 158     | 142     | 11.76   | cps   |
| Silver     | 107-1 | 108     | 125     | 142     | 125     | 13.33   | cps   |
| Sodium     | 23-2  | 1219153 | 1213064 | 1205997 | 1212738 | 0.54    | cps   |
| Strontium  | 86-1  | 57614   | 58158   | 58200   | 57991   | 0.56    | cps   |
| Strontium  | 88-1  | 487839  | 473802  | 481733  | 481125  | 1.46    | cps   |
| Sulfur     | 34-1  | 509256  | 512794  | 507965  | 510005  | 0.49    | cps   |
| Terbium    | 159-1 | 4491937 | 5198826 | 5164376 | 4951713 | 8.05    | cps   |
| Terbium    | 159-2 | 1649605 | 1647354 | 1598366 | 1631775 | 1.77    | cps   |
| Thallium   | 203-1 | 117     | 133     | 167     | 139     | 18.33   | cps   |
| Thallium   | 205-1 | 175     | 200     | 242     | 206     | 16.38   | cps   |
| Tin        | 118-1 | 550     | 525     | 542     | 539     | 2.36    | cps   |
| Titanium   | 47-1  | 750     | 633     | 717     | 700     | 8.58    | cps   |
| Uranium    | 238-1 | 200     | 183     | 292     | 225     | 25.93   | cps   |
| Vanadium   | 51-2  | 90      | 47      | 63      | 67      | 32.79   | cps   |
| Yttrium    | 89-1  | 4850738 | 5662248 | 5713243 | 5408743 | 8.95    | cps   |
| Yttrium    | 89-2  | 246528  | 247995  | 245076  | 246533  | 0.59    | cps   |
| Zinc       | 66-2  | 34443   | 34082   | 34169   | 34231   | 0.55    | cps   |
| Zirconium  | 90-1  | 850     | 725     | 800     | 792     | 7.95    | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-11              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-11-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:07:56   | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 200  | 158  | 183     | 12.03  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-12              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-12-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:11:06   | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 133     | 108     | 175     | 139     | 24.26  | cps   |
| Antimony   | 121-1 | 500     | 600     | 608     | 569     | 10.59  | cps   |
| Arsenic    | 75-2  | 63      | 46      | 46      | 52      | 18.55  | cps   |
| Barium     | 135-1 | 33577   | 33443   | 33911   | 33644   | 0.72   | cps   |
| Barium     | 137-1 | 57769   | 57426   | 58230   | 57808   | 0.70   | cps   |
| Beryllium  | 9-1   | 67      | 61      | 106     | 78      | 31.14  | cps   |
| Bismuth    | 209-1 | 2747883 | 2739296 | 2719202 | 2735460 | 0.54   | cps   |
| Bismuth    | 209-2 | 1193261 | 1197161 | 1153802 | 1181408 | 2.03   | cps   |
| Boron      | 10-1  | 1008    | 1075    | 1508    | 1197    | 22.68  | cps   |
| Boron      | 11-1  | 5401    | 5735    | 5735    | 5624    | 3.42   | cps   |
| Cadmium    | 111-1 | 764     | 964     | 903     | 877     | 11.67  | cps   |
| Cadmium    | 106-1 | 1100    | 1375    | 1300    | 1258    | 11.30  | cps   |
| Cadmium    | 108-1 | 8       | 4       | 33      | 15      | 103.25 | cps   |
| Calcium    | 43-1  | 150491  | 145211  | 146988  | 147564  | 1.82   | cps   |
| Calcium    | 44-1  | 2519773 | 2513228 | 2483315 | 2505439 | 0.78   | cps   |
| Chromium   | 52-2  | 1113    | 1053    | 1140    | 1102    | 4.03   | cps   |
| Cobalt     | 59-2  | 103     | 113     | 87      | 101     | 13.32  | cps   |
| Copper     | 63-2  | 119068  | 118039  | 117875  | 118328  | 0.55   | cps   |
| Dysprosium | 156-1 | 33      | 75      | 33      | 47      | 50.94  | cps   |
| Dysprosium | 156-2 | 10      | 13      | 27      | 17      | 52.93  | cps   |
| Erbium     | 164-1 | 17      | 50      | 108     | 58      | 79.54  | cps   |
| Erbium     | 164-2 | 30      | 10      | 10      | 17      | 69.28  | cps   |
| Gadolinium | 160-1 | 117     | 117     | 108     | 114     | 4.22   | cps   |
| Gadolinium | 160-2 | 27      | 27      | 33      | 29      | 13.31  | cps   |
| Holmium    | 165-1 | 4900615 | 4893061 | 4915894 | 4903190 | 0.24   | cps   |
| Holmium    | 165-2 | 1658497 | 1671612 | 1609020 | 1646376 | 2.00   | cps   |
| Indium     | 115-1 | 5057324 | 5028478 | 5090825 | 5058876 | 0.62   | cps   |
| Indium     | 115-2 | 329527  | 329061  | 315086  | 324558  | 2.53   | cps   |
| Iron       | 56-2  | 23766   | 24089   | 23840   | 23898   | 0.71   | cps   |
| Iron       | 57-2  | 628     | 706     | 506     | 613     | 16.45  | cps   |
| Lead       | 206-1 | 889     | 1117    | 1006    | 1004    | 11.35  | cps   |
| Lead       | 207-1 | 967     | 767     | 800     | 845     | 12.69  | cps   |
| Lead       | 208-1 | 3778    | 3928    | 3723    | 3810    | 2.79   | cps   |
| Lithium    | 6-1   | 920234  | 919239  | 930900  | 923458  | 0.70   | cps   |
| Magnesium  | 24-2  | 53468   | 54614   | 53945   | 54009   | 1.07   | cps   |
| Manganese  | 55-2  | 4237    | 4364    | 4021    | 4207    | 4.13   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-12 Instrumnet Name : P8  
 Client Sample ID : DC20894-12-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:11:06 DataFile Name : 060SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 383     | 425     | 425     | 411     | 5.85   | cps   |
| Molybdenum | 95-1  | 167     | 317     | 158     | 214     | 41.66  | cps   |
| Molybdenum | 96-1  | 200     | 292     | 233     | 242     | 19.20  | cps   |
| Molybdenum | 97-1  | 217     | 183     | 183     | 194     | 9.90   | cps   |
| Molybdenum | 98-1  | 158     | 225     | 267     | 217     | 25.22  | cps   |
| Neodymium  | 150-1 | 60      | 53      | 53      | 56      | 6.92   | cps   |
| Neodymium  | 150-2 | 10      | 0       | 3       | 4       | 114.60 | cps   |
| Nickel     | 60-2  | 280     | 273     | 303     | 286     | 5.52   | cps   |
| Phosphorus | 31-2  | 508     | 592     | 392     | 497     | 20.20  | cps   |
| Potassium  | 39-2  | 20307   | 19331   | 19539   | 19726   | 2.61   | cps   |
| Rhodium    | 103-1 | 5015570 | 4945250 | 4929664 | 4963495 | 0.92   | cps   |
| Rhodium    | 103-2 | 1733314 | 1717290 | 1648128 | 1699578 | 2.66   | cps   |
| Scandium   | 45-1  | 3667836 | 3636462 | 3640261 | 3648186 | 0.47   | cps   |
| Scandium   | 45-2  | 38179   | 38058   | 35753   | 37330   | 3.66   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 9       | 0       | 2       | 4       | 132.32 | cps   |
| Selenium   | 82-1  | -33     | -153    | -95     | -94     | -63.83 | cps   |
| Silicon    | 28-1  | 5178126 | 5125971 | 5079768 | 5127955 | 0.96   | cps   |
| Silver     | 109-1 | 133     | 167     | 150     | 150     | 11.11  | cps   |
| Silver     | 107-1 | 100     | 150     | 167     | 139     | 24.98  | cps   |
| Sodium     | 23-2  | 1210725 | 1216771 | 1195375 | 1207623 | 0.91   | cps   |
| Strontium  | 86-1  | 57405   | 56309   | 56309   | 56674   | 1.12   | cps   |
| Strontium  | 88-1  | 475423  | 467842  | 472684  | 471983  | 0.81   | cps   |
| Sulfur     | 34-1  | 513373  | 507579  | 505258  | 508737  | 0.82   | cps   |
| Terbium    | 159-1 | 5315426 | 5289058 | 5272694 | 5292393 | 0.41   | cps   |
| Terbium    | 159-2 | 1667740 | 1643433 | 1593525 | 1634899 | 2.31   | cps   |
| Thallium   | 203-1 | 133     | 133     | 83      | 117     | 24.74  | cps   |
| Thallium   | 205-1 | 225     | 242     | 317     | 261     | 18.70  | cps   |
| Tin        | 118-1 | 517     | 658     | 467     | 547     | 18.17  | cps   |
| Titanium   | 47-1  | 617     | 600     | 583     | 600     | 2.78   | cps   |
| Uranium    | 238-1 | 275     | 192     | 158     | 208     | 28.85  | cps   |
| Vanadium   | 51-2  | 67      | 80      | 80      | 76      | 10.19  | cps   |
| Yttrium    | 89-1  | 5719679 | 5750369 | 5770596 | 5746881 | 0.45   | cps   |
| Yttrium    | 89-2  | 250011  | 247913  | 238778  | 245567  | 2.43   | cps   |
| Zinc       | 66-2  | 1847    | 1987    | 1950    | 1928    | 3.77   | cps   |
| Zirconium  | 90-1  | 642     | 708     | 867     | 739     | 15.64  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-12              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-12-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:11:06   | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 150  | 108  | 144     | 23.32  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-13 Instrumnet Name : P8  
 Client Sample ID : DC20894-13-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:14:13 DataFile Name : 061SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 442     | 583     | 417     | 481     | 18.71  | cps   |
| Antimony   | 121-1 | 942     | 617     | 1000    | 853     | 24.22  | cps   |
| Arsenic    | 75-2  | 65      | 35      | 52      | 51      | 29.34  | cps   |
| Barium     | 135-1 | 35958   | 36192   | 34738   | 35630   | 2.19   | cps   |
| Barium     | 137-1 | 61235   | 61779   | 60497   | 61170   | 1.05   | cps   |
| Beryllium  | 9-1   | 67      | 50      | 78      | 65      | 21.57  | cps   |
| Bismuth    | 209-1 | 2789697 | 2797983 | 2745791 | 2777824 | 1.01   | cps   |
| Bismuth    | 209-2 | 1196779 | 1142333 | 1194738 | 1177950 | 2.62   | cps   |
| Boron      | 10-1  | 1400    | 1350    | 1608    | 1453    | 9.43   | cps   |
| Boron      | 11-1  | 6335    | 6443    | 6118    | 6299    | 2.63   | cps   |
| Cadmium    | 111-1 | 1008    | 922     | 983     | 971     | 4.52   | cps   |
| Cadmium    | 106-1 | 1400    | 1267    | 1367    | 1345    | 5.16   | cps   |
| Cadmium    | 108-1 | 8       | 21      | 17      | 15      | 41.67  | cps   |
| Calcium    | 43-1  | 153321  | 151426  | 150938  | 151895  | 0.83   | cps   |
| Calcium    | 44-1  | 2628162 | 2633747 | 2596729 | 2619546 | 0.76   | cps   |
| Chromium   | 52-2  | 1140    | 933     | 1063    | 1046    | 9.99   | cps   |
| Cobalt     | 59-2  | 167     | 173     | 147     | 162     | 8.56   | cps   |
| Copper     | 63-2  | 461151  | 458056  | 458038  | 459082  | 0.39   | cps   |
| Dysprosium | 156-1 | 42      | 25      | 25      | 31      | 31.50  | cps   |
| Dysprosium | 156-2 | 17      | 23      | 7       | 16      | 53.90  | cps   |
| Erbium     | 164-1 | 50      | 50      | 33      | 44      | 21.66  | cps   |
| Erbium     | 164-2 | 20      | 23      | 20      | 21      | 9.11   | cps   |
| Gadolinium | 160-1 | 75      | 117     | 75      | 89      | 27.07  | cps   |
| Gadolinium | 160-2 | 33      | 17      | 17      | 22      | 43.28  | cps   |
| Holmium    | 165-1 | 4947006 | 4905315 | 4933177 | 4928500 | 0.43   | cps   |
| Holmium    | 165-2 | 1661147 | 1590357 | 1665623 | 1639042 | 2.58   | cps   |
| Indium     | 115-1 | 5139657 | 5086756 | 5102749 | 5109721 | 0.53   | cps   |
| Indium     | 115-2 | 329791  | 313253  | 330975  | 324673  | 3.05   | cps   |
| Iron       | 56-2  | 29238   | 28921   | 27628   | 28596   | 2.98   | cps   |
| Iron       | 57-2  | 795     | 939     | 672     | 802     | 16.65  | cps   |
| Lead       | 206-1 | 6446    | 6819    | 6263    | 6509    | 4.35   | cps   |
| Lead       | 207-1 | 5690    | 5212    | 4946    | 5283    | 7.14   | cps   |
| Lead       | 208-1 | 24982   | 24933   | 24088   | 24667   | 2.04   | cps   |
| Lithium    | 6-1   | 934257  | 934014  | 946403  | 938225  | 0.76   | cps   |
| Magnesium  | 24-2  | 55719   | 56371   | 56605   | 56232   | 0.82   | cps   |
| Manganese  | 55-2  | 5238    | 5308    | 5178    | 5241    | 1.24   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-13 Instrumnet Name : P8  
 Client Sample ID : DC20894-13-FL1-KI-W3- Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:14:13 DataFile Name : 061SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 392     | 417     | 375     | 394     | 5.32   | cps   |
| Molybdenum | 95-1  | 183     | 217     | 267     | 222     | 18.87  | cps   |
| Molybdenum | 96-1  | 233     | 292     | 233     | 253     | 13.32  | cps   |
| Molybdenum | 97-1  | 150     | 208     | 250     | 203     | 24.77  | cps   |
| Molybdenum | 98-1  | 267     | 233     | 242     | 247     | 7.02   | cps   |
| Neodymium  | 150-1 | 13      | 40      | 53      | 36      | 57.29  | cps   |
| Neodymium  | 150-2 | 10      | 3       | 0       | 4       | 114.60 | cps   |
| Nickel     | 60-2  | 663     | 613     | 587     | 621     | 6.27   | cps   |
| Phosphorus | 31-2  | 517     | 433     | 517     | 489     | 9.84   | cps   |
| Potassium  | 39-2  | 19823   | 20057   | 19414   | 19765   | 1.65   | cps   |
| Rhodium    | 103-1 | 4901755 | 4920256 | 5001405 | 4941138 | 1.07   | cps   |
| Rhodium    | 103-2 | 1722234 | 1606050 | 1711065 | 1679783 | 3.82   | cps   |
| Scandium   | 45-1  | 3690688 | 3765418 | 3654422 | 3703510 | 1.53   | cps   |
| Scandium   | 45-2  | 37577   | 36177   | 38409   | 37388   | 3.02   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 9       | 0       | 0       | 3       | 173.21 | cps   |
| Selenium   | 82-1  | 2       | 0       | 127     | 43      | 169.29 | cps   |
| Silicon    | 28-1  | 5146703 | 5150158 | 5119007 | 5138623 | 0.33   | cps   |
| Silver     | 109-1 | 100     | 117     | 142     | 119     | 17.55  | cps   |
| Silver     | 107-1 | 175     | 83      | 117     | 125     | 37.12  | cps   |
| Sodium     | 23-2  | 1228895 | 1238356 | 1233386 | 1233545 | 0.38   | cps   |
| Strontium  | 86-1  | 60502   | 59012   | 59096   | 59536   | 1.41   | cps   |
| Strontium  | 88-1  | 506875  | 501746  | 500644  | 503089  | 0.66   | cps   |
| Sulfur     | 34-1  | 509936  | 511348  | 505310  | 508865  | 0.62   | cps   |
| Terbium    | 159-1 | 5284805 | 5299041 | 5306730 | 5296858 | 0.21   | cps   |
| Terbium    | 159-2 | 1670401 | 1592874 | 1665965 | 1643080 | 2.65   | cps   |
| Thallium   | 203-1 | 142     | 117     | 158     | 139     | 15.10  | cps   |
| Thallium   | 205-1 | 325     | 275     | 358     | 319     | 13.13  | cps   |
| Tin        | 118-1 | 1400    | 1267    | 1192    | 1286    | 8.20   | cps   |
| Titanium   | 47-1  | 733     | 825     | 700     | 753     | 8.60   | cps   |
| Uranium    | 238-1 | 283     | 283     | 167     | 244     | 27.55  | cps   |
| Vanadium   | 51-2  | 73      | 63      | 63      | 67      | 8.66   | cps   |
| Yttrium    | 89-1  | 5771257 | 5827010 | 5781020 | 5793095 | 0.51   | cps   |
| Yttrium    | 89-2  | 246761  | 233314  | 246756  | 242277  | 3.20   | cps   |
| Zinc       | 66-2  | 95332   | 96150   | 95422   | 95635   | 0.47   | cps   |
| Zirconium  | 90-1  | 733     | 742     | 733     | 736     | 0.65   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-13              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-13-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:14:13   | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 175  | 183  | 178     | 2.71   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-14              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-14-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:17:22   | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 133     | 117     | 208     | 153     | 31.96  | cps   |
| Antimony   | 121-1 | 533     | 642     | 550     | 575     | 10.14  | cps   |
| Arsenic    | 75-2  | 56      | 50      | 48      | 51      | 7.53   | cps   |
| Barium     | 135-1 | 34697   | 33017   | 34604   | 34106   | 2.77   | cps   |
| Barium     | 137-1 | 59376   | 59945   | 58146   | 59155   | 1.55   | cps   |
| Beryllium  | 9-1   | 67      | 67      | 61      | 65      | 4.95   | cps   |
| Bismuth    | 209-1 | 2760504 | 2775963 | 2801298 | 2779255 | 0.74   | cps   |
| Bismuth    | 209-2 | 1208695 | 1197700 | 1202402 | 1202932 | 0.46   | cps   |
| Boron      | 10-1  | 1125    | 1300    | 1017    | 1147    | 12.46  | cps   |
| Boron      | 11-1  | 5668    | 6102    | 5810    | 5860    | 3.77   | cps   |
| Cadmium    | 111-1 | 961     | 958     | 1034    | 984     | 4.38   | cps   |
| Cadmium    | 106-1 | 1375    | 1333    | 1483    | 1397    | 5.54   | cps   |
| Cadmium    | 108-1 | 21      | 13      | 13      | 15      | 31.48  | cps   |
| Calcium    | 43-1  | 151197  | 152823  | 150624  | 151548  | 0.75   | cps   |
| Calcium    | 44-1  | 2607985 | 2553489 | 2564524 | 2575333 | 1.12   | cps   |
| Chromium   | 52-2  | 1047    | 1067    | 1193    | 1102    | 7.22   | cps   |
| Cobalt     | 59-2  | 90      | 90      | 120     | 100     | 17.32  | cps   |
| Copper     | 63-2  | 132276  | 129843  | 130896  | 131005  | 0.93   | cps   |
| Dysprosium | 156-1 | 92      | 50      | 17      | 53      | 71.20  | cps   |
| Dysprosium | 156-2 | 13      | 13      | 17      | 14      | 13.35  | cps   |
| Erbium     | 164-1 | 50      | 117     | 58      | 75      | 48.43  | cps   |
| Erbium     | 164-2 | 20      | 20      | 17      | 19      | 10.18  | cps   |
| Gadolinium | 160-1 | 67      | 133     | 142     | 114     | 36.09  | cps   |
| Gadolinium | 160-2 | 3       | 23      | 13      | 13      | 75.02  | cps   |
| Holmium    | 165-1 | 4947459 | 5068353 | 4984643 | 5000152 | 1.24   | cps   |
| Holmium    | 165-2 | 1670136 | 1656707 | 1645235 | 1657359 | 0.75   | cps   |
| Indium     | 115-1 | 5088989 | 5093798 | 5109547 | 5097445 | 0.21   | cps   |
| Indium     | 115-2 | 330054  | 330190  | 329288  | 329844  | 0.15   | cps   |
| Iron       | 56-2  | 27161   | 27027   | 27518   | 27235   | 0.93   | cps   |
| Iron       | 57-2  | 622     | 733     | 811     | 722     | 13.14  | cps   |
| Lead       | 206-1 | 1222    | 911     | 1128    | 1087    | 14.67  | cps   |
| Lead       | 207-1 | 895     | 1022    | 1083    | 1000    | 9.64   | cps   |
| Lead       | 208-1 | 4400    | 4278    | 4500    | 4393    | 2.53   | cps   |
| Lithium    | 6-1   | 920757  | 926085  | 930039  | 925627  | 0.50   | cps   |
| Magnesium  | 24-2  | 55308   | 55392   | 54773   | 55158   | 0.61   | cps   |
| Manganese  | 55-2  | 4484    | 4567    | 4354    | 4469    | 2.41   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-14              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-14-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:17:22   | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 267     | 475     | 317     | 353     | 30.83   | cps   |
| Molybdenum | 95-1  | 133     | 158     | 200     | 164     | 20.55   | cps   |
| Molybdenum | 96-1  | 367     | 225     | 275     | 289     | 24.87   | cps   |
| Molybdenum | 97-1  | 142     | 183     | 258     | 194     | 30.41   | cps   |
| Molybdenum | 98-1  | 217     | 225     | 217     | 219     | 2.19    | cps   |
| Neodymium  | 150-1 | 60      | 80      | 33      | 58      | 40.53   | cps   |
| Neodymium  | 150-2 | 17      | 7       | 13      | 12      | 41.65   | cps   |
| Nickel     | 60-2  | 287     | 317     | 340     | 314     | 8.50    | cps   |
| Phosphorus | 31-2  | 542     | 550     | 383     | 492     | 19.10   | cps   |
| Potassium  | 39-2  | 20774   | 20107   | 20583   | 20488   | 1.68    | cps   |
| Rhodium    | 103-1 | 4992586 | 5018380 | 5025631 | 5012199 | 0.35    | cps   |
| Rhodium    | 103-2 | 1722241 | 1705481 | 1738972 | 1722231 | 0.97    | cps   |
| Scandium   | 45-1  | 3671584 | 3719570 | 3716483 | 3702546 | 0.73    | cps   |
| Scandium   | 45-2  | 37914   | 37574   | 37450   | 37646   | 0.64    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 11      | 6       | 4       | 7       | 56.78   | cps   |
| Selenium   | 82-1  | -49     | 26      | -22     | -15     | -251.61 | cps   |
| Silicon    | 28-1  | 5436162 | 5276296 | 5182881 | 5298446 | 2.42    | cps   |
| Silver     | 109-1 | 142     | 117     | 58      | 106     | 40.51   | cps   |
| Silver     | 107-1 | 117     | 192     | 183     | 164     | 25.08   | cps   |
| Sodium     | 23-2  | 1231385 | 1211685 | 1227860 | 1223643 | 0.86    | cps   |
| Strontium  | 86-1  | 57975   | 56836   | 57816   | 57542   | 1.07    | cps   |
| Strontium  | 88-1  | 478859  | 480150  | 478386  | 479132  | 0.19    | cps   |
| Sulfur     | 34-1  | 506373  | 508625  | 509252  | 508084  | 0.30    | cps   |
| Terbium    | 159-1 | 5313781 | 5329629 | 5271665 | 5305025 | 0.56    | cps   |
| Terbium    | 159-2 | 1660426 | 1650330 | 1665010 | 1658589 | 0.45    | cps   |
| Thallium   | 203-1 | 158     | 142     | 133     | 144     | 8.81    | cps   |
| Thallium   | 205-1 | 300     | 283     | 350     | 311     | 11.15   | cps   |
| Tin        | 118-1 | 833     | 867     | 892     | 864     | 3.39    | cps   |
| Titanium   | 47-1  | 492     | 1126    | 733     | 784     | 40.83   | cps   |
| Uranium    | 238-1 | 233     | 250     | 167     | 217     | 20.35   | cps   |
| Vanadium   | 51-2  | 77      | 83      | 90      | 83      | 8.00    | cps   |
| Yttrium    | 89-1  | 5727458 | 5796942 | 5816704 | 5780368 | 0.81    | cps   |
| Yttrium    | 89-2  | 249309  | 249553  | 248449  | 249104  | 0.23    | cps   |
| Zinc       | 66-2  | 3947    | 3787    | 3817    | 3851    | 2.21    | cps   |
| Zirconium  | 90-1  | 850     | 758     | 717     | 775     | 8.80    | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-14              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-14-FL1-KI-W3- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:17:22   | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 175  | 133  | 161     | 14.93  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-15 Instrumnet Name : P8  
 Client Sample ID : DC20894-15-FL1-BRA1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:20:30 DataFile Name : 063SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 267     | 308     | 425     | 333     | 24.62  | cps   |
| Antimony   | 121-1 | 742     | 733     | 758     | 745     | 1.71   | cps   |
| Arsenic    | 75-2  | 44      | 48      | 54      | 49      | 9.56   | cps   |
| Barium     | 135-1 | 36234   | 35457   | 35465   | 35719   | 1.25   | cps   |
| Barium     | 137-1 | 61451   | 62013   | 61469   | 61644   | 0.52   | cps   |
| Beryllium  | 9-1   | 33      | 56      | 44      | 44      | 25.01  | cps   |
| Bismuth    | 209-1 | 2760694 | 2820015 | 2748789 | 2776499 | 1.37   | cps   |
| Bismuth    | 209-2 | 1196263 | 1193310 | 1209491 | 1199688 | 0.72   | cps   |
| Boron      | 10-1  | 1375    | 1367    | 1383    | 1375    | 0.61   | cps   |
| Boron      | 11-1  | 5926    | 6177    | 5885    | 5996    | 2.63   | cps   |
| Cadmium    | 111-1 | 904     | 973     | 1062    | 980     | 8.06   | cps   |
| Cadmium    | 106-1 | 1258    | 1383    | 1483    | 1375    | 8.20   | cps   |
| Cadmium    | 108-1 | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Calcium    | 43-1  | 148949  | 151215  | 148410  | 149525  | 1.00   | cps   |
| Calcium    | 44-1  | 2589905 | 2589633 | 2544024 | 2574521 | 1.03   | cps   |
| Chromium   | 52-2  | 1153    | 967     | 1030    | 1050    | 9.04   | cps   |
| Cobalt     | 59-2  | 367     | 403     | 447     | 406     | 9.87   | cps   |
| Copper     | 63-2  | 211104  | 209985  | 209576  | 210221  | 0.38   | cps   |
| Dysprosium | 156-1 | 42      | 50      | 50      | 47      | 10.18  | cps   |
| Dysprosium | 156-2 | 10      | 7       | 10      | 9       | 21.63  | cps   |
| Erbium     | 164-1 | 75      | 50      | 67      | 64      | 19.93  | cps   |
| Erbium     | 164-2 | 13      | 17      | 20      | 17      | 20.01  | cps   |
| Gadolinium | 160-1 | 100     | 92      | 108     | 100     | 8.33   | cps   |
| Gadolinium | 160-2 | 30      | 47      | 13      | 30      | 55.57  | cps   |
| Holmium    | 165-1 | 4996705 | 5025835 | 4905123 | 4975888 | 1.27   | cps   |
| Holmium    | 165-2 | 1648065 | 1655208 | 1671820 | 1658364 | 0.73   | cps   |
| Indium     | 115-1 | 5157214 | 5100549 | 5032748 | 5096837 | 1.22   | cps   |
| Indium     | 115-2 | 330961  | 331065  | 329151  | 330392  | 0.33   | cps   |
| Iron       | 56-2  | 664317  | 670116  | 661852  | 665429  | 0.64   | cps   |
| Iron       | 57-2  | 16899   | 16293   | 16777   | 16657   | 1.92   | cps   |
| Lead       | 206-1 | 3878    | 3867    | 3751    | 3832    | 1.85   | cps   |
| Lead       | 207-1 | 3295    | 3156    | 2984    | 3145    | 4.96   | cps   |
| Lead       | 208-1 | 14893   | 14748   | 14359   | 14667   | 1.88   | cps   |
| Lithium    | 6-1   | 930508  | 940908  | 937455  | 936290  | 0.57   | cps   |
| Magnesium  | 24-2  | 54120   | 54589   | 55074   | 54595   | 0.87   | cps   |
| Manganese  | 55-2  | 5551    | 5575    | 5685    | 5603    | 1.27   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-15 Instrumnet Name : P8  
 Client Sample ID : DC20894-15-FL1-BRA1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:20:30 DataFile Name : 063SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 433     | 400     | 308     | 381     | 17.01   | cps   |
| Molybdenum | 95-1  | 208     | 133     | 150     | 164     | 24.03   | cps   |
| Molybdenum | 96-1  | 225     | 208     | 242     | 225     | 7.41    | cps   |
| Molybdenum | 97-1  | 192     | 217     | 158     | 189     | 15.49   | cps   |
| Molybdenum | 98-1  | 208     | 358     | 325     | 297     | 26.50   | cps   |
| Neodymium  | 150-1 | 27      | 33      | 60      | 40      | 44.09   | cps   |
| Neodymium  | 150-2 | 3       | 17      | 0       | 7       | 132.33  | cps   |
| Nickel     | 60-2  | 743     | 670     | 717     | 710     | 5.23    | cps   |
| Phosphorus | 31-2  | 533     | 550     | 500     | 528     | 4.82    | cps   |
| Potassium  | 39-2  | 21701   | 21935   | 21016   | 21551   | 2.21    | cps   |
| Rhodium    | 103-1 | 5003562 | 4972538 | 4900239 | 4958780 | 1.07    | cps   |
| Rhodium    | 103-2 | 1707996 | 1714702 | 1695172 | 1705957 | 0.58    | cps   |
| Scandium   | 45-1  | 3741506 | 3686627 | 3683455 | 3703863 | 0.88    | cps   |
| Scandium   | 45-2  | 37630   | 36511   | 37383   | 37175   | 1.58    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 2       | 4       | 2       | 2       | 43.30   | cps   |
| Selenium   | 82-1  | 2       | -162    | -56     | -72     | -116.18 | cps   |
| Silicon    | 28-1  | 5173861 | 5191684 | 5092049 | 5152531 | 1.03    | cps   |
| Silver     | 109-1 | 217     | 158     | 200     | 192     | 15.68   | cps   |
| Silver     | 107-1 | 200     | 208     | 250     | 219     | 12.21   | cps   |
| Sodium     | 23-2  | 1209743 | 1212724 | 1219429 | 1213966 | 0.41    | cps   |
| Strontium  | 86-1  | 58125   | 58419   | 58920   | 58488   | 0.69    | cps   |
| Strontium  | 88-1  | 493055  | 493058  | 483545  | 489886  | 1.12    | cps   |
| Sulfur     | 34-1  | 512348  | 514011  | 508809  | 511723  | 0.52    | cps   |
| Terbium    | 159-1 | 5447472 | 5358494 | 5246628 | 5350865 | 1.88    | cps   |
| Terbium    | 159-2 | 1652786 | 1650908 | 1647575 | 1650423 | 0.16    | cps   |
| Thallium   | 203-1 | 117     | 150     | 83      | 117     | 28.57   | cps   |
| Thallium   | 205-1 | 192     | 258     | 183     | 211     | 19.47   | cps   |
| Tin        | 118-1 | 575     | 650     | 742     | 656     | 12.73   | cps   |
| Titanium   | 47-1  | 775     | 558     | 650     | 661     | 16.45   | cps   |
| Uranium    | 238-1 | 158     | 225     | 225     | 203     | 18.98   | cps   |
| Vanadium   | 51-2  | 57      | 60      | 97      | 71      | 31.21   | cps   |
| Yttrium    | 89-1  | 5878193 | 5802322 | 5692691 | 5791069 | 1.61    | cps   |
| Yttrium    | 89-2  | 247068  | 247310  | 246368  | 246915  | 0.20    | cps   |
| Zinc       | 66-2  | 5118    | 5341    | 5174    | 5211    | 2.23    | cps   |
| Zirconium  | 90-1  | 1009    | 792     | 800     | 867     | 14.18   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-15              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-15-FL1-BRA1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:20:30   | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 250  | 250  | 211     | 31.91  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:23:39 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 8       | 75      | 39      | 86.61  | cps   |
| Antimony   | 121-1 | 75      | 33      | 42      | 50      | 44.10  | cps   |
| Arsenic    | 75-2  | 2       | 0       | 6       | 2       | 114.63 | cps   |
| Barium     | 135-1 | 33      | 75      | 50      | 53      | 39.74  | cps   |
| Barium     | 137-1 | 33      | 67      | 42      | 47      | 36.74  | cps   |
| Beryllium  | 9-1   | 50      | 56      | 44      | 50      | 11.11  | cps   |
| Bismuth    | 209-1 | 2603375 | 2642321 | 2602062 | 2615919 | 0.87   | cps   |
| Bismuth    | 209-2 | 1141810 | 1144025 | 1142980 | 1142938 | 0.10   | cps   |
| Boron      | 10-1  | 608     | 483     | 517     | 536     | 12.07  | cps   |
| Boron      | 11-1  | 2367    | 2534    | 2067    | 2323    | 10.18  | cps   |
| Cadmium    | 111-1 | 894     | 946     | 790     | 877     | 9.02   | cps   |
| Cadmium    | 106-1 | 1275    | 1342    | 1133    | 1250    | 8.51   | cps   |
| Cadmium    | 108-1 | 4       | 8       | 4       | 6       | 43.22  | cps   |
| Calcium    | 43-1  | 5093    | 4693    | 4776    | 4854    | 4.35   | cps   |
| Calcium    | 44-1  | 84681   | 83658   | 83574   | 83971   | 0.73   | cps   |
| Chromium   | 52-2  | 870     | 890     | 903     | 888     | 1.89   | cps   |
| Cobalt     | 59-2  | 83      | 73      | 90      | 82      | 10.21  | cps   |
| Copper     | 63-2  | 687     | 667     | 643     | 666     | 3.26   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 17      | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 58      | 17      | 33      | 66.14  | cps   |
| Erbium     | 164-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 25      | 25      | 75      | 42      | 69.28  | cps   |
| Gadolinium | 160-2 | 3       | 7       | 17      | 9       | 78.08  | cps   |
| Holmium    | 165-1 | 4613104 | 4539214 | 4560722 | 4571013 | 0.83   | cps   |
| Holmium    | 165-2 | 1528839 | 1526519 | 1514650 | 1523336 | 0.50   | cps   |
| Indium     | 115-1 | 4719871 | 4690145 | 4791387 | 4733801 | 1.10   | cps   |
| Indium     | 115-2 | 308156  | 308435  | 307391  | 307994  | 0.18   | cps   |
| Iron       | 56-2  | 3417    | 3395    | 3362    | 3391    | 0.83   | cps   |
| Iron       | 57-2  | 117     | 50      | 111     | 93      | 39.95  | cps   |
| Lead       | 206-1 | 2044296 | 2032496 | 2022093 | 2032962 | 0.55   | cps   |
| Lead       | 207-1 | 1832618 | 1850966 | 1855584 | 1846389 | 0.66   | cps   |
| Lead       | 208-1 | 8264858 | 8257250 | 8191748 | 8237952 | 0.49   | cps   |
| Lithium    | 6-1   | 852738  | 850264  | 847626  | 850210  | 0.30   | cps   |
| Magnesium  | 24-2  | 117     | 75      | 167     | 119     | 38.43  | cps   |
| Manganese  | 55-2  | 70      | 53      | 73      | 66      | 16.35  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:23:39 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 108     | 100     | 83      | 97      | 13.09   | cps   |
| Molybdenum | 95-1  | 17      | 17      | 8       | 14      | 34.67   | cps   |
| Molybdenum | 96-1  | 58      | 83      | 108     | 83      | 30.00   | cps   |
| Molybdenum | 97-1  | 108     | 42      | 158     | 103     | 56.95   | cps   |
| Molybdenum | 98-1  | 17      | 25      | 33      | 25      | 33.34   | cps   |
| Neodymium  | 150-1 | 33      | 13      | 0       | 16      | 107.86  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 73      | 90      | 50      | 71      | 28.26   | cps   |
| Phosphorus | 31-2  | 17      | 17      | 17      | 17      | 0.00    | cps   |
| Potassium  | 39-2  | 4184    | 4143    | 4092    | 4140    | 1.11    | cps   |
| Rhodium    | 103-1 | 4676388 | 4651573 | 4622327 | 4650096 | 0.58    | cps   |
| Rhodium    | 103-2 | 1640698 | 1612382 | 1596033 | 1616371 | 1.40    | cps   |
| Scandium   | 45-1  | 3458468 | 3421031 | 3392353 | 3423951 | 0.97    | cps   |
| Scandium   | 45-2  | 34629   | 34345   | 35381   | 34785   | 1.54    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 4       | 0       | 13      | 6       | 120.21  | cps   |
| Selenium   | 82-1  | 22      | -25     | -64     | -22     | -193.39 | cps   |
| Silicon    | 28-1  | 542541  | 543211  | 534865  | 540206  | 0.86    | cps   |
| Silver     | 109-1 | 58      | 25      | 100     | 61      | 61.49   | cps   |
| Silver     | 107-1 | 108     | 67      | 50      | 75      | 40.06   | cps   |
| Sodium     | 23-2  | 8503    | 8845    | 8561    | 8636    | 2.12    | cps   |
| Strontium  | 86-1  | 1308    | 1433    | 1517    | 1420    | 7.39    | cps   |
| Strontium  | 88-1  | 200     | 208     | 158     | 189     | 14.18   | cps   |
| Sulfur     | 34-1  | 463789  | 464311  | 464351  | 464150  | 0.07    | cps   |
| Terbium    | 159-1 | 4892036 | 4857497 | 4936559 | 4895364 | 0.81    | cps   |
| Terbium    | 159-2 | 1512604 | 1499636 | 1505276 | 1505838 | 0.43    | cps   |
| Thallium   | 203-1 | 167     | 158     | 167     | 164     | 2.94    | cps   |
| Thallium   | 205-1 | 342     | 375     | 233     | 317     | 23.39   | cps   |
| Tin        | 118-1 | 2700    | 2892    | 2900    | 2831    | 4.00    | cps   |
| Titanium   | 47-1  | 217     | 233     | 250     | 233     | 7.14    | cps   |
| Uranium    | 238-1 | 42      | 17      | 33      | 31      | 41.66   | cps   |
| Vanadium   | 51-2  | 17      | 13      | 13      | 14      | 13.35   | cps   |
| Yttrium    | 89-1  | 5424162 | 5407608 | 5353740 | 5395170 | 0.68    | cps   |
| Yttrium    | 89-2  | 231477  | 233370  | 230266  | 231704  | 0.68    | cps   |
| Zinc       | 66-2  | 120     | 150     | 157     | 142     | 13.73   | cps   |
| Zirconium  | 90-1  | 433     | 408     | 425     | 422     | 3.01    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV96               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:23:39 | DataFile Name :   | 064SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 50   | 75   | 58   | 61      | 20.83  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:26:49 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 0       | 42      | 33      | 25      | 88.19  | cps   |
| Antimony   | 121-1 | 33      | 25      | 0       | 19      | 89.21  | cps   |
| Arsenic    | 75-2  | 2       | 2       | 4       | 2       | 43.30  | cps   |
| Barium     | 135-1 | 33      | 8       | 17      | 19      | 65.47  | cps   |
| Barium     | 137-1 | 17      | 50      | 8       | 25      | 88.19  | cps   |
| Beryllium  | 9-1   | 61      | 56      | 50      | 56      | 10.00  | cps   |
| Bismuth    | 209-1 | 2633559 | 2618181 | 2613087 | 2621609 | 0.41   | cps   |
| Bismuth    | 209-2 | 1126494 | 1097539 | 1105300 | 1109777 | 1.35   | cps   |
| Boron      | 10-1  | 458     | 458     | 383     | 433     | 9.99   | cps   |
| Boron      | 11-1  | 2050    | 1792    | 1842    | 1895    | 7.23   | cps   |
| Cadmium    | 111-1 | 920     | 935     | 887     | 914     | 2.68   | cps   |
| Cadmium    | 106-1 | 1308    | 1333    | 1283    | 1308    | 1.91   | cps   |
| Cadmium    | 108-1 | 13      | 4       | 17      | 11      | 57.27  | cps   |
| Calcium    | 43-1  | 5085    | 5126    | 4493    | 4901    | 7.23   | cps   |
| Calcium    | 44-1  | 83155   | 82760   | 82502   | 82805   | 0.40   | cps   |
| Chromium   | 52-2  | 893     | 870     | 930     | 898     | 3.37   | cps   |
| Cobalt     | 59-2  | 110     | 73      | 63      | 82      | 29.89  | cps   |
| Copper     | 63-2  | 530     | 613     | 627     | 590     | 8.88   | cps   |
| Dysprosium | 156-1 | 8       | 33      | 8       | 17      | 86.64  | cps   |
| Dysprosium | 156-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 0       | 17      | 17      | 11      | 86.60  | cps   |
| Erbium     | 164-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Gadolinium | 160-1 | 25      | 67      | 58      | 50      | 44.10  | cps   |
| Gadolinium | 160-2 | 3       | 7       | 3       | 4       | 43.40  | cps   |
| Holmium    | 165-1 | 4667231 | 4610613 | 4501317 | 4593054 | 1.84   | cps   |
| Holmium    | 165-2 | 1505318 | 1510960 | 1503025 | 1506434 | 0.27   | cps   |
| Indium     | 115-1 | 4761522 | 4732801 | 4679962 | 4724762 | 0.88   | cps   |
| Indium     | 115-2 | 307483  | 299432  | 304243  | 303719  | 1.33   | cps   |
| Iron       | 56-2  | 3017    | 3378    | 3178    | 3191    | 5.67   | cps   |
| Iron       | 57-2  | 56      | 128     | 56      | 80      | 52.36  | cps   |
| Lead       | 206-1 | 433     | 400     | 417     | 417     | 4.00   | cps   |
| Lead       | 207-1 | 367     | 394     | 394     | 385     | 4.16   | cps   |
| Lead       | 208-1 | 1661    | 1717    | 1617    | 1665    | 3.01   | cps   |
| Lithium    | 6-1   | 852027  | 850924  | 842171  | 848374  | 0.64   | cps   |
| Magnesium  | 24-2  | 83      | 42      | 92      | 72      | 37.09  | cps   |
| Manganese  | 55-2  | 53      | 60      | 50      | 54      | 9.35   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:26:49 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 175     | 125     | 167     | 156     | 17.22   | cps   |
| Molybdenum | 95-1  | 8       | 8       | 17      | 11      | 43.34   | cps   |
| Molybdenum | 96-1  | 125     | 67      | 17      | 69      | 78.08   | cps   |
| Molybdenum | 97-1  | 83      | 83      | 67      | 78      | 12.37   | cps   |
| Molybdenum | 98-1  | 17      | 33      | 17      | 22      | 43.28   | cps   |
| Neodymium  | 150-1 | 27      | 13      | 7       | 16      | 65.47   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 90      | 90      | 60      | 80      | 21.65   | cps   |
| Phosphorus | 31-2  | 17      | 25      | 17      | 19      | 24.73   | cps   |
| Potassium  | 39-2  | 3992    | 4201    | 4376    | 4190    | 4.58    | cps   |
| Rhodium    | 103-1 | 4692626 | 4712484 | 4591840 | 4665650 | 1.39    | cps   |
| Rhodium    | 103-2 | 1597768 | 1538493 | 1567149 | 1567803 | 1.89    | cps   |
| Scandium   | 45-1  | 3421184 | 3484025 | 3400256 | 3435155 | 1.27    | cps   |
| Scandium   | 45-2  | 34519   | 34225   | 34563   | 34436   | 0.53    | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 9       | 2       | 11      | 7       | 66.16   | cps   |
| Selenium   | 82-1  | -24     | 80      | -113    | -19     | -506.62 | cps   |
| Silicon    | 28-1  | 530689  | 516553  | 534188  | 527143  | 1.77    | cps   |
| Silver     | 109-1 | 100     | 50      | 50      | 67      | 43.30   | cps   |
| Silver     | 107-1 | 117     | 125     | 67      | 103     | 30.70   | cps   |
| Sodium     | 23-2  | 8820    | 8653    | 8570    | 8681    | 1.47    | cps   |
| Strontium  | 86-1  | 1500    | 1142    | 1367    | 1336    | 13.56   | cps   |
| Strontium  | 88-1  | 183     | 142     | 158     | 161     | 13.02   | cps   |
| Sulfur     | 34-1  | 465036  | 466638  | 462407  | 464694  | 0.46    | cps   |
| Terbium    | 159-1 | 5026768 | 4923341 | 4921293 | 4957134 | 1.22    | cps   |
| Terbium    | 159-2 | 1495960 | 1467990 | 1486806 | 1483585 | 0.96    | cps   |
| Thallium   | 203-1 | 75      | 83      | 117     | 92      | 24.05   | cps   |
| Thallium   | 205-1 | 192     | 225     | 225     | 214     | 9.00    | cps   |
| Tin        | 118-1 | 683     | 683     | 658     | 675     | 2.14    | cps   |
| Titanium   | 47-1  | 200     | 208     | 183     | 197     | 6.45    | cps   |
| Uranium    | 238-1 | 33      | 42      | 42      | 39      | 12.38   | cps   |
| Vanadium   | 51-2  | 13      | 20      | 20      | 18      | 21.66   | cps   |
| Yttrium    | 89-1  | 5400155 | 5412504 | 5333731 | 5382130 | 0.79    | cps   |
| Yttrium    | 89-2  | 232087  | 223205  | 226465  | 227253  | 1.98    | cps   |
| Zinc       | 66-2  | 13      | 27      | 17      | 19      | 36.75   | cps   |
| Zirconium  | 90-1  | 275     | 233     | 367     | 292     | 23.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB96               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB96               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:26:49 | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 50   | 92   | 108  | 83      | 36.06  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-16 Instrumnet Name : P8  
 Client Sample ID : DC20894-16-FL1-BRA1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:29:59 DataFile Name : 066SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 417     | 492     | 425     | 444     | 9.25   | cps   |
| Antimony   | 121-1 | 625     | 517     | 475     | 539     | 14.37  | cps   |
| Arsenic    | 75-2  | 37      | 59      | 54      | 50      | 23.13  | cps   |
| Barium     | 135-1 | 37730   | 36894   | 36727   | 37117   | 1.45   | cps   |
| Barium     | 137-1 | 64315   | 63914   | 64550   | 64260   | 0.50   | cps   |
| Beryllium  | 9-1   | 50      | 22      | 33      | 35      | 39.74  | cps   |
| Bismuth    | 209-1 | 2771844 | 2810376 | 2797228 | 2793149 | 0.70   | cps   |
| Bismuth    | 209-2 | 1150359 | 1191345 | 1191802 | 1177836 | 2.02   | cps   |
| Boron      | 10-1  | 1250    | 1275    | 1067    | 1197    | 9.50   | cps   |
| Boron      | 11-1  | 5726    | 5718    | 5468    | 5637    | 2.61   | cps   |
| Cadmium    | 111-1 | 882     | 806     | 883     | 857     | 5.11   | cps   |
| Cadmium    | 106-1 | 1267    | 1158    | 1242    | 1222    | 4.64   | cps   |
| Cadmium    | 108-1 | 25      | 13      | 17      | 18      | 35.25  | cps   |
| Calcium    | 43-1  | 152612  | 149650  | 149464  | 150575  | 1.17   | cps   |
| Calcium    | 44-1  | 2566434 | 2542624 | 2582078 | 2563712 | 0.77   | cps   |
| Chromium   | 52-2  | 1050    | 1093    | 1013    | 1052    | 3.81   | cps   |
| Cobalt     | 59-2  | 187     | 153     | 140     | 160     | 15.02  | cps   |
| Copper     | 63-2  | 182568  | 178645  | 180214  | 180476  | 1.09   | cps   |
| Dysprosium | 156-1 | 25      | 17      | 42      | 28      | 45.82  | cps   |
| Dysprosium | 156-2 | 30      | 10      | 10      | 17      | 69.28  | cps   |
| Erbium     | 164-1 | 42      | 50      | 83      | 58      | 37.80  | cps   |
| Erbium     | 164-2 | 27      | 10      | 7       | 14      | 74.18  | cps   |
| Gadolinium | 160-1 | 75      | 108     | 67      | 83      | 26.46  | cps   |
| Gadolinium | 160-2 | 23      | 33      | 33      | 30      | 19.25  | cps   |
| Holmium    | 165-1 | 4977892 | 4957936 | 4894873 | 4943567 | 0.88   | cps   |
| Holmium    | 165-2 | 1612200 | 1646997 | 1637785 | 1632327 | 1.10   | cps   |
| Indium     | 115-1 | 5154122 | 5070487 | 5067180 | 5097263 | 0.97   | cps   |
| Indium     | 115-2 | 312311  | 326545  | 328525  | 322460  | 2.74   | cps   |
| Iron       | 56-2  | 27980   | 25830   | 27272   | 27027   | 4.05   | cps   |
| Iron       | 57-2  | 650     | 800     | 600     | 683     | 15.23  | cps   |
| Lead       | 206-1 | 2511    | 2628    | 2595    | 2578    | 2.33   | cps   |
| Lead       | 207-1 | 2206    | 2150    | 2067    | 2141    | 3.27   | cps   |
| Lead       | 208-1 | 9857    | 9969    | 9919    | 9915    | 0.56   | cps   |
| Lithium    | 6-1   | 940097  | 944192  | 940122  | 941470  | 0.25   | cps   |
| Magnesium  | 24-2  | 56948   | 55099   | 54990   | 55679   | 1.98   | cps   |
| Manganese  | 55-2  | 4594    | 4414    | 4384    | 4464    | 2.55   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-16              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-16-FL1-BRA1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:29:59   | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 400     | 392     | 442     | 411     | 6.52    | cps   |
| Molybdenum | 95-1  | 133     | 242     | 133     | 169     | 36.91   | cps   |
| Molybdenum | 96-1  | 183     | 275     | 275     | 244     | 21.65   | cps   |
| Molybdenum | 97-1  | 133     | 242     | 200     | 192     | 28.51   | cps   |
| Molybdenum | 98-1  | 267     | 317     | 217     | 267     | 18.75   | cps   |
| Neodymium  | 150-1 | 73      | 53      | 67      | 64      | 15.80   | cps   |
| Neodymium  | 150-2 | 7       | 13      | 17      | 12      | 41.65   | cps   |
| Nickel     | 60-2  | 327     | 377     | 243     | 316     | 21.35   | cps   |
| Phosphorus | 31-2  | 508     | 458     | 550     | 506     | 9.08    | cps   |
| Potassium  | 39-2  | 20382   | 20224   | 20533   | 20380   | 0.76    | cps   |
| Rhodium    | 103-1 | 4972191 | 5062117 | 4970928 | 5001745 | 1.05    | cps   |
| Rhodium    | 103-2 | 1640918 | 1713714 | 1713097 | 1689243 | 2.48    | cps   |
| Scandium   | 45-1  | 3784379 | 3714881 | 3649783 | 3716348 | 1.81    | cps   |
| Scandium   | 45-2  | 35599   | 37249   | 37400   | 36749   | 2.72    | cps   |
| Selenium   | 77-2  | 3       | 3       | 3       | 3       | 0.00    | cps   |
| Selenium   | 78-2  | 4       | 0       | 2       | 2       | 100.00  | cps   |
| Selenium   | 82-1  | -72     | 5       | -23     | -30     | -128.25 | cps   |
| Silicon    | 28-1  | 5292630 | 5350660 | 5436114 | 5359801 | 1.35    | cps   |
| Silver     | 109-1 | 133     | 117     | 117     | 122     | 7.87    | cps   |
| Silver     | 107-1 | 150     | 200     | 200     | 183     | 15.75   | cps   |
| Sodium     | 23-2  | 1240712 | 1210386 | 1221951 | 1224350 | 1.25    | cps   |
| Strontium  | 86-1  | 57774   | 58233   | 57706   | 57904   | 0.50    | cps   |
| Strontium  | 88-1  | 492551  | 492570  | 490921  | 492014  | 0.19    | cps   |
| Sulfur     | 34-1  | 516120  | 517298  | 513889  | 515769  | 0.34    | cps   |
| Terbium    | 159-1 | 5378058 | 5297452 | 5306036 | 5327182 | 0.83    | cps   |
| Terbium    | 159-2 | 1590501 | 1671441 | 1639702 | 1633881 | 2.50    | cps   |
| Thallium   | 203-1 | 217     | 192     | 92      | 167     | 39.69   | cps   |
| Thallium   | 205-1 | 225     | 342     | 400     | 322     | 27.65   | cps   |
| Tin        | 118-1 | 742     | 708     | 742     | 731     | 2.64    | cps   |
| Titanium   | 47-1  | 642     | 783     | 592     | 672     | 14.79   | cps   |
| Uranium    | 238-1 | 300     | 267     | 217     | 261     | 16.06   | cps   |
| Vanadium   | 51-2  | 30      | 73      | 87      | 63      | 46.78   | cps   |
| Yttrium    | 89-1  | 5801956 | 5773695 | 5798294 | 5791315 | 0.27    | cps   |
| Yttrium    | 89-2  | 235503  | 248346  | 247154  | 243668  | 2.91    | cps   |
| Zinc       | 66-2  | 2654    | 2580    | 2487    | 2574    | 3.25    | cps   |
| Zirconium  | 90-1  | 1000    | 792     | 858     | 883     | 12.05   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-16              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-16-FL1-BRA1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:29:59   | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 150  | 133  | 150     | 11.11  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-17 Instrumnet Name : P8  
 Client Sample ID : DC20894-17-FL1-BRA2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:33:08 DataFile Name : 067SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 250     | 200     | 233     | 228     | 11.18  | cps   |
| Antimony   | 121-1 | 883     | 975     | 908     | 922     | 5.14   | cps   |
| Arsenic    | 75-2  | 56      | 65      | 50      | 57      | 13.18  | cps   |
| Barium     | 135-1 | 34730   | 36786   | 34229   | 35248   | 3.84   | cps   |
| Barium     | 137-1 | 61586   | 61360   | 61762   | 61570   | 0.33   | cps   |
| Beryllium  | 9-1   | 61      | 72      | 67      | 67      | 8.33   | cps   |
| Bismuth    | 209-1 | 2726489 | 2731899 | 2763522 | 2740636 | 0.73   | cps   |
| Bismuth    | 209-2 | 1189355 | 1188666 | 1191073 | 1189698 | 0.10   | cps   |
| Boron      | 10-1  | 1233    | 1167    | 1325    | 1242    | 6.40   | cps   |
| Boron      | 11-1  | 5560    | 5826    | 5868    | 5751    | 2.91   | cps   |
| Cadmium    | 111-1 | 1110    | 964     | 768     | 947     | 18.10  | cps   |
| Cadmium    | 106-1 | 1525    | 1308    | 1050    | 1295    | 18.37  | cps   |
| Cadmium    | 108-1 | 17      | 21      | 0       | 13      | 88.19  | cps   |
| Calcium    | 43-1  | 150281  | 148385  | 146507  | 148391  | 1.27   | cps   |
| Calcium    | 44-1  | 2527463 | 2541079 | 2556740 | 2541761 | 0.58   | cps   |
| Chromium   | 52-2  | 1123    | 1253    | 1100    | 1159    | 7.13   | cps   |
| Cobalt     | 59-2  | 207     | 187     | 157     | 183     | 13.73  | cps   |
| Copper     | 63-2  | 257448  | 254139  | 256762  | 256116  | 0.68   | cps   |
| Dysprosium | 156-1 | 33      | 25      | 58      | 39      | 44.61  | cps   |
| Dysprosium | 156-2 | 20      | 20      | 27      | 22      | 17.33  | cps   |
| Erbium     | 164-1 | 83      | 83      | 100     | 89      | 10.83  | cps   |
| Erbium     | 164-2 | 17      | 17      | 27      | 20      | 28.86  | cps   |
| Gadolinium | 160-1 | 125     | 92      | 67      | 94      | 30.99  | cps   |
| Gadolinium | 160-2 | 13      | 23      | 20      | 19      | 26.96  | cps   |
| Holmium    | 165-1 | 4906561 | 4859853 | 4782122 | 4849512 | 1.30   | cps   |
| Holmium    | 165-2 | 1632110 | 1623717 | 1605511 | 1620446 | 0.84   | cps   |
| Indium     | 115-1 | 5100799 | 5050314 | 5001730 | 5050948 | 0.98   | cps   |
| Indium     | 115-2 | 328729  | 327666  | 327708  | 328034  | 0.18   | cps   |
| Iron       | 56-2  | 259824  | 255286  | 255568  | 256893  | 0.99   | cps   |
| Iron       | 57-2  | 6502    | 6413    | 6502    | 6472    | 0.79   | cps   |
| Lead       | 206-1 | 6880    | 6274    | 6713    | 6622    | 4.73   | cps   |
| Lead       | 207-1 | 5618    | 5763    | 5262    | 5548    | 4.64   | cps   |
| Lead       | 208-1 | 26339   | 25678   | 25678   | 25898   | 1.47   | cps   |
| Lithium    | 6-1   | 926513  | 944105  | 919072  | 929897  | 1.38   | cps   |
| Magnesium  | 24-2  | 56647   | 57316   | 57718   | 57227   | 0.95   | cps   |
| Manganese  | 55-2  | 4641    | 4618    | 4634    | 4631    | 0.26   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-17              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-17-FL1-BRA2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:33:08   | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 492     | 483     | 458     | 478     | 3.63   | cps   |
| Molybdenum | 95-1  | 317     | 283     | 292     | 297     | 5.84   | cps   |
| Molybdenum | 96-1  | 317     | 475     | 500     | 431     | 23.09  | cps   |
| Molybdenum | 97-1  | 192     | 233     | 258     | 228     | 14.79  | cps   |
| Molybdenum | 98-1  | 483     | 317     | 458     | 419     | 21.43  | cps   |
| Neodymium  | 150-1 | 40      | 73      | 47      | 53      | 33.08  | cps   |
| Neodymium  | 150-2 | 23      | 3       | 7       | 11      | 96.43  | cps   |
| Nickel     | 60-2  | 2484    | 2487    | 2440    | 2470    | 1.05   | cps   |
| Phosphorus | 31-2  | 558     | 492     | 550     | 533     | 6.81   | cps   |
| Potassium  | 39-2  | 20507   | 20249   | 19890   | 20215   | 1.53   | cps   |
| Rhodium    | 103-1 | 5014812 | 4929948 | 4942408 | 4962390 | 0.92   | cps   |
| Rhodium    | 103-2 | 1727699 | 1712375 | 1700580 | 1713551 | 0.79   | cps   |
| Scandium   | 45-1  | 3687865 | 3648367 | 3623276 | 3653169 | 0.89   | cps   |
| Scandium   | 45-2  | 38132   | 37220   | 37550   | 37634   | 1.23   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 9       | 2       | 4       | 5       | 78.12  | cps   |
| Selenium   | 82-1  | -168    | -13     | -68     | -83     | -94.05 | cps   |
| Silicon    | 28-1  | 5417039 | 5241207 | 5120036 | 5259427 | 2.84   | cps   |
| Silver     | 109-1 | 108     | 142     | 150     | 133     | 16.54  | cps   |
| Silver     | 107-1 | 242     | 150     | 158     | 183     | 27.65  | cps   |
| Sodium     | 23-2  | 1222710 | 1219373 | 1209570 | 1217218 | 0.56   | cps   |
| Strontium  | 86-1  | 57539   | 58367   | 56786   | 57564   | 1.37   | cps   |
| Strontium  | 88-1  | 487778  | 483506  | 480095  | 483793  | 0.80   | cps   |
| Sulfur     | 34-1  | 507722  | 515907  | 507901  | 510510  | 0.92   | cps   |
| Terbium    | 159-1 | 5243337 | 5355226 | 5214786 | 5271116 | 1.41   | cps   |
| Terbium    | 159-2 | 1665133 | 1680677 | 1611601 | 1652470 | 2.19   | cps   |
| Thallium   | 203-1 | 167     | 150     | 125     | 147     | 14.24  | cps   |
| Thallium   | 205-1 | 358     | 400     | 400     | 386     | 6.23   | cps   |
| Tin        | 118-1 | 1067    | 925     | 1092    | 1028    | 8.75   | cps   |
| Titanium   | 47-1  | 892     | 808     | 742     | 814     | 9.23   | cps   |
| Uranium    | 238-1 | 317     | 317     | 200     | 278     | 24.25  | cps   |
| Vanadium   | 51-2  | 100     | 107     | 93      | 100     | 6.66   | cps   |
| Yttrium    | 89-1  | 5768453 | 5744950 | 5749264 | 5754222 | 0.22   | cps   |
| Yttrium    | 89-2  | 247649  | 248819  | 245532  | 247333  | 0.67   | cps   |
| Zinc       | 66-2  | 17895   | 17398   | 18059   | 17784   | 1.94   | cps   |
| Zirconium  | 90-1  | 917     | 875     | 908     | 900     | 2.45   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-17              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-17-FL1-BRA2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:33:08   | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 217  | 192  | 197     | 8.80   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-18 Instrumnet Name : P8  
 Client Sample ID : DC20894-18-FL1-BRA2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:36:16 DataFile Name : 068SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 617     | 700     | 650     | 656     | 6.40   | cps   |
| Antimony   | 121-1 | 542     | 533     | 500     | 525     | 4.20   | cps   |
| Arsenic    | 75-2  | 37      | 46      | 61      | 48      | 25.22  | cps   |
| Barium     | 135-1 | 37914   | 36418   | 37897   | 37410   | 2.30   | cps   |
| Barium     | 137-1 | 66359   | 63336   | 64248   | 64648   | 2.40   | cps   |
| Beryllium  | 9-1   | 67      | 89      | 56      | 70      | 24.12  | cps   |
| Bismuth    | 209-1 | 2784956 | 2755384 | 2719694 | 2753345 | 1.19   | cps   |
| Bismuth    | 209-2 | 1196319 | 1206202 | 1177142 | 1193221 | 1.24   | cps   |
| Boron      | 10-1  | 1117    | 1383    | 1392    | 1297    | 12.06  | cps   |
| Boron      | 11-1  | 6193    | 5960    | 6635    | 6263    | 5.48   | cps   |
| Cadmium    | 111-1 | 982     | 890     | 762     | 878     | 12.61  | cps   |
| Cadmium    | 106-1 | 1392    | 1283    | 1067    | 1247    | 13.27  | cps   |
| Cadmium    | 108-1 | 13      | 13      | 8       | 11      | 21.67  | cps   |
| Calcium    | 43-1  | 149066  | 149455  | 150390  | 149637  | 0.45   | cps   |
| Calcium    | 44-1  | 2543990 | 2537531 | 2564134 | 2548552 | 0.54   | cps   |
| Chromium   | 52-2  | 1163    | 1090    | 1037    | 1097    | 5.80   | cps   |
| Cobalt     | 59-2  | 180     | 127     | 193     | 167     | 21.17  | cps   |
| Copper     | 63-2  | 196136  | 192436  | 192324  | 193632  | 1.12   | cps   |
| Dysprosium | 156-1 | 58      | 17      | 50      | 42      | 52.91  | cps   |
| Dysprosium | 156-2 | 13      | 23      | 17      | 18      | 28.64  | cps   |
| Erbium     | 164-1 | 50      | 58      | 58      | 56      | 8.67   | cps   |
| Erbium     | 164-2 | 20      | 7       | 17      | 14      | 48.02  | cps   |
| Gadolinium | 160-1 | 83      | 167     | 75      | 108     | 46.79  | cps   |
| Gadolinium | 160-2 | 20      | 43      | 33      | 32      | 36.33  | cps   |
| Holmium    | 165-1 | 4922214 | 4979591 | 4817086 | 4906297 | 1.68   | cps   |
| Holmium    | 165-2 | 1685059 | 1593418 | 1628694 | 1635724 | 2.83   | cps   |
| Indium     | 115-1 | 5093297 | 4968859 | 4962930 | 5008362 | 1.47   | cps   |
| Indium     | 115-2 | 330376  | 330595  | 327568  | 329513  | 0.51   | cps   |
| Iron       | 56-2  | 27363   | 26147   | 27051   | 26854   | 2.35   | cps   |
| Iron       | 57-2  | 795     | 656     | 722     | 724     | 9.59   | cps   |
| Lead       | 206-1 | 2962    | 2812    | 2656    | 2810    | 5.44   | cps   |
| Lead       | 207-1 | 2417    | 2517    | 2495    | 2476    | 2.12   | cps   |
| Lead       | 208-1 | 10936   | 11325   | 11041   | 11100   | 1.81   | cps   |
| Lithium    | 6-1   | 929640  | 908505  | 912431  | 916859  | 1.23   | cps   |
| Magnesium  | 24-2  | 55091   | 54689   | 55819   | 55200   | 1.04   | cps   |
| Manganese  | 55-2  | 4461    | 4321    | 4481    | 4421    | 1.97   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-18              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-18-FL1-BRA2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:36:16   | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 383     | 358     | 308     | 350     | 10.91  | cps   |
| Molybdenum | 95-1  | 167     | 175     | 217     | 186     | 14.39  | cps   |
| Molybdenum | 96-1  | 192     | 300     | 208     | 233     | 25.00  | cps   |
| Molybdenum | 97-1  | 175     | 117     | 200     | 164     | 26.09  | cps   |
| Molybdenum | 98-1  | 342     | 275     | 258     | 292     | 15.12  | cps   |
| Neodymium  | 150-1 | 13      | 60      | 53      | 42      | 59.78  | cps   |
| Neodymium  | 150-2 | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Nickel     | 60-2  | 373     | 367     | 397     | 379     | 4.16   | cps   |
| Phosphorus | 31-2  | 492     | 492     | 458     | 481     | 4.01   | cps   |
| Potassium  | 39-2  | 20558   | 20733   | 19873   | 20388   | 2.23   | cps   |
| Rhodium    | 103-1 | 4958594 | 4940198 | 4904891 | 4934561 | 0.55   | cps   |
| Rhodium    | 103-2 | 1740481 | 1733542 | 1696613 | 1723546 | 1.37   | cps   |
| Scandium   | 45-1  | 3720909 | 3680335 | 3590554 | 3663933 | 1.82   | cps   |
| Scandium   | 45-2  | 37410   | 37711   | 37691   | 37604   | 0.45   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 4       | 4       | 4       | 0.00   | cps   |
| Selenium   | 82-1  | 67      | -27     | 52      | 31      | 164.55 | cps   |
| Silicon    | 28-1  | 5247608 | 5263906 | 5231207 | 5247574 | 0.31   | cps   |
| Silver     | 109-1 | 117     | 83      | 175     | 125     | 37.12  | cps   |
| Silver     | 107-1 | 225     | 125     | 125     | 158     | 36.46  | cps   |
| Sodium     | 23-2  | 1226344 | 1221979 | 1205188 | 1217837 | 0.92   | cps   |
| Strontium  | 86-1  | 58410   | 57983   | 58870   | 58421   | 0.76   | cps   |
| Strontium  | 88-1  | 485480  | 487528  | 490374  | 487794  | 0.50   | cps   |
| Sulfur     | 34-1  | 514935  | 505504  | 512245  | 510894  | 0.95   | cps   |
| Terbium    | 159-1 | 5317855 | 5283730 | 5200012 | 5267199 | 1.15   | cps   |
| Terbium    | 159-2 | 1589796 | 1659833 | 1658736 | 1636122 | 2.45   | cps   |
| Thallium   | 203-1 | 142     | 100     | 200     | 147     | 34.12  | cps   |
| Thallium   | 205-1 | 250     | 267     | 350     | 289     | 18.54  | cps   |
| Tin        | 118-1 | 767     | 733     | 692     | 731     | 5.14   | cps   |
| Titanium   | 47-1  | 625     | 700     | 667     | 664     | 5.66   | cps   |
| Uranium    | 238-1 | 233     | 250     | 242     | 242     | 3.45   | cps   |
| Vanadium   | 51-2  | 107     | 83      | 90      | 93      | 12.88  | cps   |
| Yttrium    | 89-1  | 5756529 | 5754713 | 5609150 | 5706797 | 1.48   | cps   |
| Yttrium    | 89-2  | 246478  | 250238  | 249239  | 248652  | 0.78   | cps   |
| Zinc       | 66-2  | 3964    | 3794    | 3961    | 3906    | 2.49   | cps   |
| Zirconium  | 90-1  | 917     | 767     | 808     | 831     | 9.32   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-18              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-18-FL1-BRA2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:36:16   | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 158  | 158  | 169     | 11.36  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-19 Instrumnet Name : P8  
 Client Sample ID : DC20894-19-FL1-CL2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:39:25 DataFile Name : 069SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 133     | 283     | 233     | 217     | 35.25  | cps   |
| Antimony   | 121-1 | 2242    | 2442    | 1959    | 2214    | 10.97  | cps   |
| Arsenic    | 75-2  | 46      | 39      | 50      | 45      | 12.55  | cps   |
| Barium     | 135-1 | 32574   | 31697   | 31430   | 31900   | 1.88   | cps   |
| Barium     | 137-1 | 55794   | 56329   | 54271   | 55465   | 1.93   | cps   |
| Beryllium  | 9-1   | 78      | 44      | 83      | 69      | 30.69  | cps   |
| Bismuth    | 209-1 | 2783100 | 2796825 | 2698230 | 2759385 | 1.94   | cps   |
| Bismuth    | 209-2 | 1193331 | 1178706 | 1202010 | 1191349 | 0.99   | cps   |
| Boron      | 10-1  | 1175    | 1167    | 1150    | 1164    | 1.09   | cps   |
| Boron      | 11-1  | 5626    | 5918    | 5651    | 5732    | 2.82   | cps   |
| Cadmium    | 111-1 | 954     | 905     | 943     | 934     | 2.78   | cps   |
| Cadmium    | 106-1 | 1300    | 1242    | 1300    | 1281    | 2.63   | cps   |
| Cadmium    | 108-1 | 8       | 21      | 13      | 14      | 45.83  | cps   |
| Calcium    | 43-1  | 151906  | 150853  | 149000  | 150586  | 0.98   | cps   |
| Calcium    | 44-1  | 2569006 | 2549678 | 2528898 | 2549194 | 0.79   | cps   |
| Chromium   | 52-2  | 1080    | 1237    | 1030    | 1116    | 9.67   | cps   |
| Cobalt     | 59-2  | 170     | 203     | 153     | 176     | 14.50  | cps   |
| Copper     | 63-2  | 450510  | 452484  | 450410  | 451135  | 0.26   | cps   |
| Dysprosium | 156-1 | 25      | 42      | 33      | 33      | 25.01  | cps   |
| Dysprosium | 156-2 | 17      | 17      | 23      | 19      | 20.36  | cps   |
| Erbium     | 164-1 | 58      | 42      | 83      | 61      | 34.32  | cps   |
| Erbium     | 164-2 | 17      | 3       | 10      | 10      | 66.70  | cps   |
| Gadolinium | 160-1 | 108     | 100     | 133     | 114     | 15.23  | cps   |
| Gadolinium | 160-2 | 20      | 53      | 40      | 38      | 44.41  | cps   |
| Holmium    | 165-1 | 4911148 | 4989819 | 4819362 | 4906776 | 1.74   | cps   |
| Holmium    | 165-2 | 1616701 | 1639441 | 1678648 | 1644930 | 1.91   | cps   |
| Indium     | 115-1 | 5110260 | 5068874 | 5044644 | 5074593 | 0.65   | cps   |
| Indium     | 115-2 | 328131  | 325275  | 328271  | 327226  | 0.52   | cps   |
| Iron       | 56-2  | 25847   | 25174   | 25107   | 25376   | 1.61   | cps   |
| Iron       | 57-2  | 622     | 761     | 628     | 670     | 11.73  | cps   |
| Lead       | 206-1 | 4368    | 4301    | 4106    | 4258    | 3.19   | cps   |
| Lead       | 207-1 | 3706    | 3979    | 3389    | 3691    | 7.99   | cps   |
| Lead       | 208-1 | 17483   | 17978   | 16722   | 17394   | 3.64   | cps   |
| Lithium    | 6-1   | 923381  | 930164  | 901154  | 918233  | 1.65   | cps   |
| Magnesium  | 24-2  | 56765   | 55091   | 55534   | 55796   | 1.55   | cps   |
| Manganese  | 55-2  | 6959    | 6655    | 7019    | 6877    | 2.83   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-19 Instrumnet Name : P8  
 Client Sample ID : DC20894-19-FL1-CL2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:39:25 DataFile Name : 069SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 325     | 300     | 342     | 322     | 6.51   | cps   |
| Molybdenum | 95-1  | 200     | 250     | 133     | 194     | 30.10  | cps   |
| Molybdenum | 96-1  | 225     | 267     | 217     | 236     | 11.35  | cps   |
| Molybdenum | 97-1  | 142     | 167     | 217     | 175     | 21.82  | cps   |
| Molybdenum | 98-1  | 233     | 258     | 292     | 261     | 11.21  | cps   |
| Neodymium  | 150-1 | 53      | 47      | 80      | 60      | 29.39  | cps   |
| Neodymium  | 150-2 | 13      | 7       | 7       | 9       | 43.25  | cps   |
| Nickel     | 60-2  | 2400    | 2294    | 2320    | 2338    | 2.37   | cps   |
| Phosphorus | 31-2  | 442     | 567     | 558     | 522     | 13.38  | cps   |
| Potassium  | 39-2  | 20424   | 19614   | 20315   | 20118   | 2.18   | cps   |
| Rhodium    | 103-1 | 4977326 | 4989502 | 4871731 | 4946186 | 1.31   | cps   |
| Rhodium    | 103-2 | 1718244 | 1704790 | 1703397 | 1708810 | 0.48   | cps   |
| Scandium   | 45-1  | 3696200 | 3720977 | 3647553 | 3688243 | 1.01   | cps   |
| Scandium   | 45-2  | 37340   | 37323   | 37337   | 37333   | 0.02   | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 6       | 2       | 2       | 3       | 69.39  | cps   |
| Selenium   | 82-1  | -109    | -64     | -28     | -67     | -60.42 | cps   |
| Silicon    | 28-1  | 5175125 | 5207697 | 5125831 | 5169551 | 0.80   | cps   |
| Silver     | 109-1 | 142     | 100     | 150     | 131     | 20.52  | cps   |
| Silver     | 107-1 | 192     | 225     | 142     | 186     | 22.54  | cps   |
| Sodium     | 23-2  | 1208400 | 1227522 | 1234895 | 1223605 | 1.12   | cps   |
| Strontium  | 86-1  | 55455   | 57590   | 56125   | 56390   | 1.94   | cps   |
| Strontium  | 88-1  | 477572  | 471542  | 467134  | 472083  | 1.11   | cps   |
| Sulfur     | 34-1  | 510835  | 510637  | 503906  | 508459  | 0.78   | cps   |
| Terbium    | 159-1 | 5360956 | 5350234 | 5187455 | 5299548 | 1.83   | cps   |
| Terbium    | 159-2 | 1638140 | 1629441 | 1649053 | 1638878 | 0.60   | cps   |
| Thallium   | 203-1 | 92      | 117     | 200     | 136     | 41.68  | cps   |
| Thallium   | 205-1 | 192     | 325     | 350     | 289     | 29.46  | cps   |
| Tin        | 118-1 | 41315   | 40704   | 40413   | 40811   | 1.13   | cps   |
| Titanium   | 47-1  | 625     | 692     | 675     | 664     | 5.23   | cps   |
| Uranium    | 238-1 | 175     | 217     | 267     | 219     | 20.92  | cps   |
| Vanadium   | 51-2  | 87      | 70      | 93      | 83      | 14.43  | cps   |
| Yttrium    | 89-1  | 5883227 | 5756480 | 5723332 | 5787679 | 1.46   | cps   |
| Yttrium    | 89-2  | 246223  | 245709  | 247684  | 246539  | 0.42   | cps   |
| Zinc       | 66-2  | 39928   | 39991   | 40218   | 40046   | 0.38   | cps   |
| Zirconium  | 90-1  | 800     | 733     | 758     | 764     | 4.41   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-19             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-19-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:39:25  | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 175  | 158  | 172     | 7.39   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-20 Instrumnet Name : P8  
 Client Sample ID : DC20894-20-FL1-CL2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:42:34 DataFile Name : 070SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 575     | 717     | 733     | 675     | 12.89  | cps   |
| Antimony   | 121-1 | 642     | 642     | 433     | 572     | 21.02  | cps   |
| Arsenic    | 75-2  | 54      | 44      | 48      | 49      | 9.56   | cps   |
| Barium     | 135-1 | 37103   | 37805   | 37789   | 37566   | 1.07   | cps   |
| Barium     | 137-1 | 61335   | 63746   | 63578   | 62886   | 2.14   | cps   |
| Beryllium  | 9-1   | 44      | 50      | 56      | 50      | 11.11  | cps   |
| Bismuth    | 209-1 | 2747424 | 2796375 | 2792614 | 2778804 | 0.98   | cps   |
| Bismuth    | 209-2 | 1219727 | 1201988 | 1194181 | 1205299 | 1.09   | cps   |
| Boron      | 10-1  | 1425    | 1317    | 1225    | 1322    | 7.57   | cps   |
| Boron      | 11-1  | 5918    | 6277    | 6343    | 6179    | 3.70   | cps   |
| Cadmium    | 111-1 | 875     | 981     | 953     | 937     | 5.85   | cps   |
| Cadmium    | 106-1 | 1225    | 1367    | 1342    | 1311    | 5.77   | cps   |
| Cadmium    | 108-1 | 4       | 13      | 4       | 7       | 69.23  | cps   |
| Calcium    | 43-1  | 152218  | 150381  | 148834  | 150478  | 1.13   | cps   |
| Calcium    | 44-1  | 2595906 | 2557470 | 2562971 | 2572116 | 0.81   | cps   |
| Chromium   | 52-2  | 1063    | 967     | 1047    | 1026    | 5.04   | cps   |
| Cobalt     | 59-2  | 177     | 207     | 157     | 180     | 13.98  | cps   |
| Copper     | 63-2  | 208127  | 207511  | 206638  | 207425  | 0.36   | cps   |
| Dysprosium | 156-1 | 67      | 58      | 50      | 58      | 14.29  | cps   |
| Dysprosium | 156-2 | 17      | 13      | 37      | 22      | 56.80  | cps   |
| Erbium     | 164-1 | 92      | 75      | 50      | 72      | 29.04  | cps   |
| Erbium     | 164-2 | 20      | 13      | 17      | 17      | 20.01  | cps   |
| Gadolinium | 160-1 | 117     | 67      | 83      | 89      | 28.64  | cps   |
| Gadolinium | 160-2 | 13      | 27      | 27      | 22      | 34.66  | cps   |
| Holmium    | 165-1 | 4940245 | 4987055 | 4999378 | 4975559 | 0.63   | cps   |
| Holmium    | 165-2 | 1693254 | 1665704 | 1670212 | 1676390 | 0.88   | cps   |
| Indium     | 115-1 | 4997518 | 5120609 | 5059879 | 5059335 | 1.22   | cps   |
| Indium     | 115-2 | 330782  | 332081  | 331036  | 331300  | 0.21   | cps   |
| Iron       | 56-2  | 22514   | 22029   | 22486   | 22343   | 1.22   | cps   |
| Iron       | 57-2  | 578     | 689     | 578     | 615     | 10.43  | cps   |
| Lead       | 206-1 | 2339    | 2200    | 2628    | 2389    | 9.14   | cps   |
| Lead       | 207-1 | 2072    | 2056    | 2022    | 2050    | 1.24   | cps   |
| Lead       | 208-1 | 9474    | 8818    | 9346    | 9213    | 3.77   | cps   |
| Lithium    | 6-1   | 936410  | 947276  | 942383  | 942023  | 0.58   | cps   |
| Magnesium  | 24-2  | 55033   | 55334   | 55408   | 55258   | 0.36   | cps   |
| Manganese  | 55-2  | 4431    | 4688    | 4604    | 4574    | 2.86   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-20             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-20-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:42:34  | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 308     | 400     | 408     | 372     | 14.91   | cps   |
| Molybdenum | 95-1  | 167     | 142     | 167     | 158     | 9.12    | cps   |
| Molybdenum | 96-1  | 250     | 233     | 292     | 258     | 11.63   | cps   |
| Molybdenum | 97-1  | 192     | 258     | 192     | 214     | 18.00   | cps   |
| Molybdenum | 98-1  | 275     | 317     | 275     | 289     | 8.33    | cps   |
| Neodymium  | 150-1 | 40      | 20      | 60      | 40      | 50.00   | cps   |
| Neodymium  | 150-2 | 13      | 7       | 17      | 12      | 41.65   | cps   |
| Nickel     | 60-2  | 357     | 270     | 353     | 327     | 15.03   | cps   |
| Phosphorus | 31-2  | 567     | 483     | 450     | 500     | 12.02   | cps   |
| Potassium  | 39-2  | 20224   | 20825   | 19773   | 20274   | 2.60    | cps   |
| Rhodium    | 103-1 | 5039143 | 5000026 | 4995733 | 5011634 | 0.48    | cps   |
| Rhodium    | 103-2 | 1758510 | 1735916 | 1710684 | 1735037 | 1.38    | cps   |
| Scandium   | 45-1  | 3710810 | 3723869 | 3737444 | 3724041 | 0.36    | cps   |
| Scandium   | 45-2  | 37935   | 37888   | 37099   | 37640   | 1.25    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 4       | 2       | 4       | 3       | 34.64   | cps   |
| Selenium   | 82-1  | 7       | -19     | -113    | -41     | -152.96 | cps   |
| Silicon    | 28-1  | 5965459 | 5355427 | 5216524 | 5512470 | 7.23    | cps   |
| Silver     | 109-1 | 75      | 83      | 175     | 111     | 49.94   | cps   |
| Silver     | 107-1 | 200     | 175     | 125     | 167     | 22.91   | cps   |
| Sodium     | 23-2  | 1233976 | 1223834 | 1210475 | 1222762 | 0.96    | cps   |
| Strontium  | 86-1  | 57874   | 58652   | 59112   | 58546   | 1.07    | cps   |
| Strontium  | 88-1  | 490581  | 486656  | 485163  | 487467  | 0.57    | cps   |
| Sulfur     | 34-1  | 512042  | 516024  | 509052  | 512373  | 0.68    | cps   |
| Terbium    | 159-1 | 5309696 | 5365433 | 5321963 | 5332364 | 0.55    | cps   |
| Terbium    | 159-2 | 1690817 | 1663209 | 1655078 | 1669701 | 1.12    | cps   |
| Thallium   | 203-1 | 142     | 133     | 150     | 142     | 5.88    | cps   |
| Thallium   | 205-1 | 267     | 233     | 225     | 242     | 9.12    | cps   |
| Tin        | 118-1 | 942     | 850     | 650     | 814     | 18.33   | cps   |
| Titanium   | 47-1  | 658     | 583     | 617     | 619     | 6.07    | cps   |
| Uranium    | 238-1 | 275     | 200     | 250     | 242     | 15.80   | cps   |
| Vanadium   | 51-2  | 60      | 83      | 60      | 68      | 19.88   | cps   |
| Yttrium    | 89-1  | 5831314 | 5777673 | 5808136 | 5805708 | 0.46    | cps   |
| Yttrium    | 89-2  | 249905  | 250228  | 248687  | 249606  | 0.33    | cps   |
| Zinc       | 66-2  | 4507    | 4608    | 4491    | 4535    | 1.39    | cps   |
| Zirconium  | 90-1  | 658     | 792     | 675     | 708     | 10.26   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-20             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-20-FL1-CL2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:42:34  | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 175  | 217  | 167     | 32.79  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-21 Instrumnet Name : P8  
 Client Sample ID : DC20894-21-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:45:41 DataFile Name : 071SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 884     | 600     | 558     | 681     | 26.00  | cps   |
| Antimony   | 121-1 | 892     | 667     | 517     | 692     | 27.29  | cps   |
| Arsenic    | 75-2  | 59      | 56      | 39      | 51      | 21.18  | cps   |
| Barium     | 135-1 | 35816   | 34780   | 37195   | 35931   | 3.37   | cps   |
| Barium     | 137-1 | 63838   | 62407   | 61218   | 62488   | 2.10   | cps   |
| Beryllium  | 9-1   | 83      | 72      | 50      | 69      | 24.77  | cps   |
| Bismuth    | 209-1 | 2823238 | 2761328 | 2741502 | 2775356 | 1.54   | cps   |
| Bismuth    | 209-2 | 1189332 | 1189030 | 1189529 | 1189297 | 0.02   | cps   |
| Boron      | 10-1  | 1542    | 1525    | 1592    | 1553    | 2.23   | cps   |
| Boron      | 11-1  | 6785    | 6769    | 6852    | 6802    | 0.65   | cps   |
| Cadmium    | 111-1 | 1008    | 916     | 867     | 930     | 7.71   | cps   |
| Cadmium    | 106-1 | 1417    | 1267    | 1225    | 1303    | 7.74   | cps   |
| Cadmium    | 108-1 | 13      | 0       | 17      | 10      | 89.22  | cps   |
| Calcium    | 43-1  | 152604  | 150921  | 150358  | 151294  | 0.77   | cps   |
| Calcium    | 44-1  | 2577622 | 2544508 | 2537336 | 2553155 | 0.84   | cps   |
| Chromium   | 52-2  | 1023    | 1030    | 1177    | 1077    | 8.05   | cps   |
| Cobalt     | 59-2  | 150     | 170     | 170     | 163     | 7.07   | cps   |
| Copper     | 63-2  | 238599  | 239967  | 238511  | 239026  | 0.34   | cps   |
| Dysprosium | 156-1 | 42      | 67      | 42      | 50      | 28.87  | cps   |
| Dysprosium | 156-2 | 13      | 20      | 17      | 17      | 20.01  | cps   |
| Erbium     | 164-1 | 67      | 75      | 50      | 64      | 19.92  | cps   |
| Erbium     | 164-2 | 7       | 33      | 13      | 18      | 78.05  | cps   |
| Gadolinium | 160-1 | 150     | 75      | 92      | 106     | 37.31  | cps   |
| Gadolinium | 160-2 | 23      | 10      | 47      | 27      | 69.60  | cps   |
| Holmium    | 165-1 | 5038498 | 4903311 | 4891215 | 4944341 | 1.65   | cps   |
| Holmium    | 165-2 | 1650054 | 1628578 | 1664785 | 1647806 | 1.10   | cps   |
| Indium     | 115-1 | 5146983 | 5096923 | 5119106 | 5121004 | 0.49   | cps   |
| Indium     | 115-2 | 329125  | 328180  | 326297  | 327868  | 0.44   | cps   |
| Iron       | 56-2  | 23364   | 22642   | 22514   | 22840   | 2.01   | cps   |
| Iron       | 57-2  | 628     | 622     | 594     | 615     | 2.90   | cps   |
| Lead       | 206-1 | 8397    | 8075    | 8642    | 8372    | 3.40   | cps   |
| Lead       | 207-1 | 6852    | 6969    | 7213    | 7011    | 2.63   | cps   |
| Lead       | 208-1 | 32907   | 32395   | 33101   | 32801   | 1.11   | cps   |
| Lithium    | 6-1   | 948621  | 922190  | 919145  | 929985  | 1.74   | cps   |
| Magnesium  | 24-2  | 55250   | 55677   | 54857   | 55261   | 0.74   | cps   |
| Manganese  | 55-2  | 4834    | 5014    | 4981    | 4943    | 1.94   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-21 Instrumnet Name : P8  
 Client Sample ID : DC20894-21-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:45:41 DataFile Name : 071SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 300     | 408     | 375     | 361     | 15.37  | cps   |
| Molybdenum | 95-1  | 167     | 175     | 150     | 164     | 7.77   | cps   |
| Molybdenum | 96-1  | 325     | 250     | 283     | 286     | 13.13  | cps   |
| Molybdenum | 97-1  | 250     | 225     | 150     | 208     | 24.98  | cps   |
| Molybdenum | 98-1  | 250     | 275     | 208     | 244     | 13.78  | cps   |
| Neodymium  | 150-1 | 40      | 33      | 60      | 44      | 31.22  | cps   |
| Neodymium  | 150-2 | 0       | 23      | 7       | 10      | 120.16 | cps   |
| Nickel     | 60-2  | 1017    | 990     | 940     | 982     | 3.96   | cps   |
| Phosphorus | 31-2  | 483     | 508     | 592     | 528     | 10.75  | cps   |
| Potassium  | 39-2  | 20858   | 19998   | 20833   | 20563   | 2.38   | cps   |
| Rhodium    | 103-1 | 4992112 | 5005320 | 4858828 | 4952087 | 1.64   | cps   |
| Rhodium    | 103-2 | 1729062 | 1717932 | 1696579 | 1714525 | 0.96   | cps   |
| Scandium   | 45-1  | 3804204 | 3680123 | 3703213 | 3729180 | 1.77   | cps   |
| Scandium   | 45-2  | 38252   | 37955   | 37266   | 37824   | 1.34   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 2       | 6       | 13      | 7       | 83.30  | cps   |
| Selenium   | 82-1  | -58     | -84     | -6      | -49     | -80.68 | cps   |
| Silicon    | 28-1  | 5296587 | 5184884 | 5347490 | 5276320 | 1.58   | cps   |
| Silver     | 109-1 | 125     | 158     | 108     | 131     | 19.50  | cps   |
| Silver     | 107-1 | 100     | 175     | 267     | 181     | 46.23  | cps   |
| Sodium     | 23-2  | 1240421 | 1232085 | 1220228 | 1230912 | 0.82   | cps   |
| Strontium  | 86-1  | 56869   | 56736   | 57757   | 57120   | 0.97   | cps   |
| Strontium  | 88-1  | 492714  | 485597  | 488260  | 488857  | 0.74   | cps   |
| Sulfur     | 34-1  | 513416  | 511413  | 516858  | 513896  | 0.54   | cps   |
| Terbium    | 159-1 | 5399614 | 5227299 | 5351264 | 5326059 | 1.67   | cps   |
| Terbium    | 159-2 | 1634551 | 1644172 | 1639328 | 1639350 | 0.29   | cps   |
| Thallium   | 203-1 | 133     | 75      | 158     | 122     | 34.99  | cps   |
| Thallium   | 205-1 | 358     | 308     | 317     | 328     | 8.17   | cps   |
| Tin        | 118-1 | 733     | 708     | 792     | 745     | 5.74   | cps   |
| Titanium   | 47-1  | 742     | 725     | 675     | 714     | 4.86   | cps   |
| Uranium    | 238-1 | 275     | 233     | 233     | 247     | 9.73   | cps   |
| Vanadium   | 51-2  | 110     | 67      | 100     | 92      | 24.60  | cps   |
| Yttrium    | 89-1  | 5907076 | 5794997 | 5805609 | 5835894 | 1.06   | cps   |
| Yttrium    | 89-2  | 246657  | 246298  | 247397  | 246784  | 0.23   | cps   |
| Zinc       | 66-2  | 21310   | 21330   | 20776   | 21138   | 1.49   | cps   |
| Zirconium  | 90-1  | 650     | 683     | 917     | 750     | 19.38  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-21             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-21-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:45:41  | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 242  | 158  | 175     | 34.34  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-22             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-22-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:48:51  | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 608     | 742     | 992     | 781     | 24.93  | cps   |
| Antimony   | 121-1 | 558     | 608     | 558     | 575     | 5.02   | cps   |
| Arsenic    | 75-2  | 50      | 44      | 57      | 51      | 12.86  | cps   |
| Barium     | 135-1 | 36268   | 36677   | 37220   | 36721   | 1.30   | cps   |
| Barium     | 137-1 | 63704   | 63503   | 63144   | 63450   | 0.45   | cps   |
| Beryllium  | 9-1   | 44      | 67      | 39      | 50      | 29.40  | cps   |
| Bismuth    | 209-1 | 2780569 | 2762279 | 2769225 | 2770691 | 0.33   | cps   |
| Bismuth    | 209-2 | 1195748 | 1195814 | 1195402 | 1195655 | 0.02   | cps   |
| Boron      | 10-1  | 1267    | 1108    | 1608    | 1328    | 19.25  | cps   |
| Boron      | 11-1  | 6477    | 6485    | 6819    | 6593    | 2.96   | cps   |
| Cadmium    | 111-1 | 978     | 987     | 948     | 971     | 2.12   | cps   |
| Cadmium    | 106-1 | 1383    | 1408    | 1317    | 1370    | 3.46   | cps   |
| Cadmium    | 108-1 | 4       | 17      | 17      | 13      | 57.72  | cps   |
| Calcium    | 43-1  | 150060  | 149507  | 149381  | 149649  | 0.24   | cps   |
| Calcium    | 44-1  | 2558862 | 2505538 | 2542250 | 2535550 | 1.08   | cps   |
| Chromium   | 52-2  | 987     | 1073    | 1033    | 1031    | 4.21   | cps   |
| Cobalt     | 59-2  | 177     | 190     | 170     | 179     | 5.69   | cps   |
| Copper     | 63-2  | 183433  | 182710  | 185043  | 183729  | 0.65   | cps   |
| Dysprosium | 156-1 | 75      | 50      | 33      | 53      | 39.74  | cps   |
| Dysprosium | 156-2 | 3       | 23      | 27      | 18      | 71.00  | cps   |
| Erbium     | 164-1 | 75      | 33      | 50      | 53      | 39.74  | cps   |
| Erbium     | 164-2 | 17      | 10      | 20      | 16      | 32.73  | cps   |
| Gadolinium | 160-1 | 75      | 75      | 92      | 81      | 11.95  | cps   |
| Gadolinium | 160-2 | 37      | 20      | 30      | 29      | 29.04  | cps   |
| Holmium    | 165-1 | 4880477 | 4944028 | 5000737 | 4941747 | 1.22   | cps   |
| Holmium    | 165-2 | 1661387 | 1653141 | 1589561 | 1634696 | 2.40   | cps   |
| Indium     | 115-1 | 5100568 | 5092791 | 5039084 | 5077481 | 0.66   | cps   |
| Indium     | 115-2 | 331738  | 324395  | 325638  | 327257  | 1.20   | cps   |
| Iron       | 56-2  | 22914   | 23522   | 22201   | 22879   | 2.89   | cps   |
| Iron       | 57-2  | 583     | 478     | 622     | 561     | 13.32  | cps   |
| Lead       | 206-1 | 5629    | 5051    | 5307    | 5329    | 5.43   | cps   |
| Lead       | 207-1 | 4184    | 4390    | 4268    | 4281    | 2.42   | cps   |
| Lead       | 208-1 | 20657   | 19723   | 19990   | 20123   | 2.39   | cps   |
| Lithium    | 6-1   | 916537  | 924153  | 928615  | 923102  | 0.66   | cps   |
| Magnesium  | 24-2  | 55041   | 55150   | 55200   | 55130   | 0.15   | cps   |
| Manganese  | 55-2  | 4411    | 4608    | 4371    | 4463    | 2.84   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-22 Instrumnet Name : P8  
 Client Sample ID : DC20894-22-FL1-BRCL2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:48:51 DataFile Name : 072SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 325     | 275     | 425     | 342     | 22.35  | cps   |
| Molybdenum | 95-1  | 142     | 208     | 167     | 172     | 19.56  | cps   |
| Molybdenum | 96-1  | 250     | 250     | 217     | 239     | 8.05   | cps   |
| Molybdenum | 97-1  | 208     | 158     | 250     | 206     | 22.33  | cps   |
| Molybdenum | 98-1  | 267     | 375     | 292     | 311     | 18.23  | cps   |
| Neodymium  | 150-1 | 60      | 33      | 60      | 51      | 30.13  | cps   |
| Neodymium  | 150-2 | 13      | 10      | 7       | 10      | 33.30  | cps   |
| Nickel     | 60-2  | 390     | 353     | 350     | 364     | 6.09   | cps   |
| Phosphorus | 31-2  | 533     | 633     | 492     | 553     | 13.17  | cps   |
| Potassium  | 39-2  | 20958   | 19806   | 20265   | 20343   | 2.85   | cps   |
| Rhodium    | 103-1 | 4988271 | 4891715 | 4981852 | 4953946 | 1.09   | cps   |
| Rhodium    | 103-2 | 1737568 | 1703717 | 1704441 | 1715242 | 1.13   | cps   |
| Scandium   | 45-1  | 3665369 | 3690375 | 3705248 | 3686997 | 0.55   | cps   |
| Scandium   | 45-2  | 37219   | 36999   | 37082   | 37100   | 0.30   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 7       | 4       | 4       | 5       | 43.39  | cps   |
| Selenium   | 82-1  | -73     | -82     | -37     | -64     | -37.62 | cps   |
| Silicon    | 28-1  | 5283453 | 5337308 | 5444226 | 5354996 | 1.53   | cps   |
| Silver     | 109-1 | 75      | 92      | 175     | 114     | 47.04  | cps   |
| Silver     | 107-1 | 167     | 142     | 217     | 175     | 21.83  | cps   |
| Sodium     | 23-2  | 1236452 | 1214094 | 1233004 | 1227850 | 0.98   | cps   |
| Strontium  | 86-1  | 57941   | 58208   | 57748   | 57966   | 0.40   | cps   |
| Strontium  | 88-1  | 489721  | 484716  | 482285  | 485574  | 0.78   | cps   |
| Sulfur     | 34-1  | 514108  | 516290  | 510694  | 513697  | 0.55   | cps   |
| Terbium    | 159-1 | 5296478 | 5297508 | 5366530 | 5320172 | 0.75   | cps   |
| Terbium    | 159-2 | 1675153 | 1615349 | 1639412 | 1643305 | 1.83   | cps   |
| Thallium   | 203-1 | 133     | 125     | 133     | 131     | 3.68   | cps   |
| Thallium   | 205-1 | 242     | 233     | 342     | 272     | 22.15  | cps   |
| Tin        | 118-1 | 750     | 775     | 775     | 767     | 1.88   | cps   |
| Titanium   | 47-1  | 533     | 608     | 608     | 583     | 7.42   | cps   |
| Uranium    | 238-1 | 192     | 200     | 233     | 208     | 10.58  | cps   |
| Vanadium   | 51-2  | 103     | 80      | 83      | 89      | 14.20  | cps   |
| Yttrium    | 89-1  | 5749619 | 5806024 | 5718347 | 5757996 | 0.77   | cps   |
| Yttrium    | 89-2  | 246723  | 244497  | 246566  | 245929  | 0.51   | cps   |
| Zinc       | 66-2  | 4501    | 4321    | 4174    | 4332    | 3.78   | cps   |
| Zirconium  | 90-1  | 608     | 717     | 633     | 653     | 8.69   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-22             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-22-FL1-BRCL2 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:48:51  | DataFile Name :   | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 192  | 142  | 178     | 17.74  | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-23 Instrumnet Name : P8  
 Client Sample ID : DC20894-23-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:51:59 DataFile Name : 073SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 142     | 225     | 275     | 214     | 31.49  | cps   |
| Antimony   | 121-1 | 1625    | 1734    | 1700    | 1686    | 3.29   | cps   |
| Arsenic    | 75-2  | 48      | 46      | 35      | 43      | 16.22  | cps   |
| Barium     | 135-1 | 34471   | 34931   | 34203   | 34535   | 1.06   | cps   |
| Barium     | 137-1 | 60004   | 59853   | 58840   | 59566   | 1.06   | cps   |
| Beryllium  | 9-1   | 67      | 67      | 61      | 65      | 4.95   | cps   |
| Bismuth    | 209-1 | 2820027 | 2749739 | 2796533 | 2788766 | 1.28   | cps   |
| Bismuth    | 209-2 | 1183890 | 1205643 | 1185447 | 1191660 | 1.02   | cps   |
| Boron      | 10-1  | 1200    | 1367    | 1275    | 1281    | 6.52   | cps   |
| Boron      | 11-1  | 5818    | 5993    | 6177    | 5996    | 2.99   | cps   |
| Cadmium    | 111-1 | 1226    | 1191    | 1110    | 1176    | 5.05   | cps   |
| Cadmium    | 106-1 | 1542    | 1442    | 1350    | 1445    | 6.64   | cps   |
| Cadmium    | 108-1 | 100     | 63      | 50      | 71      | 36.74  | cps   |
| Calcium    | 43-1  | 159775  | 156750  | 155562  | 157363  | 1.38   | cps   |
| Calcium    | 44-1  | 2732137 | 2675570 | 2646081 | 2684596 | 1.63   | cps   |
| Chromium   | 52-2  | 1040    | 980     | 937     | 986     | 5.26   | cps   |
| Cobalt     | 59-2  | 393     | 447     | 283     | 374     | 22.24  | cps   |
| Copper     | 63-2  | 435431  | 432404  | 431808  | 433214  | 0.45   | cps   |
| Dysprosium | 156-1 | 58      | 25      | 17      | 33      | 66.14  | cps   |
| Dysprosium | 156-2 | 10      | 3       | 10      | 8       | 49.52  | cps   |
| Erbium     | 164-1 | 33      | 50      | 25      | 36      | 35.25  | cps   |
| Erbium     | 164-2 | 17      | 3       | 3       | 8       | 99.04  | cps   |
| Gadolinium | 160-1 | 83      | 58      | 108     | 83      | 30.00  | cps   |
| Gadolinium | 160-2 | 10      | 20      | 10      | 13      | 43.30  | cps   |
| Holmium    | 165-1 | 5025009 | 4889606 | 4990102 | 4968239 | 1.41   | cps   |
| Holmium    | 165-2 | 1642826 | 1654650 | 1657371 | 1651616 | 0.47   | cps   |
| Indium     | 115-1 | 5156721 | 5147464 | 5129515 | 5144567 | 0.27   | cps   |
| Indium     | 115-2 | 327656  | 327377  | 329150  | 328061  | 0.29   | cps   |
| Iron       | 56-2  | 18222   | 20720   | 17189   | 18710   | 9.70   | cps   |
| Iron       | 57-2  | 489     | 367     | 383     | 413     | 16.05  | cps   |
| Lead       | 206-1 | 21380   | 21202   | 21285   | 21289   | 0.42   | cps   |
| Lead       | 207-1 | 17318   | 17663   | 17329   | 17437   | 1.12   | cps   |
| Lead       | 208-1 | 82741   | 80567   | 81370   | 81559   | 1.35   | cps   |
| Lithium    | 6-1   | 941552  | 926563  | 922828  | 930314  | 1.07   | cps   |
| Magnesium  | 24-2  | 58094   | 59382   | 59149   | 58875   | 1.17   | cps   |
| Manganese  | 55-2  | 5941    | 5881    | 6051    | 5958    | 1.45   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-23 Instrumnet Name : P8  
 Client Sample ID : DC20894-23-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:51:59 DataFile Name : 073SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 333     | 300     | 408     | 347     | 15.98   | cps   |
| Molybdenum | 95-1  | 125     | 258     | 167     | 183     | 37.21   | cps   |
| Molybdenum | 96-1  | 175     | 192     | 342     | 236     | 38.88   | cps   |
| Molybdenum | 97-1  | 183     | 208     | 217     | 203     | 8.56    | cps   |
| Molybdenum | 98-1  | 158     | 233     | 283     | 225     | 27.96   | cps   |
| Neodymium  | 150-1 | 47      | 20      | 47      | 38      | 40.76   | cps   |
| Neodymium  | 150-2 | 0       | 7       | 7       | 4       | 86.60   | cps   |
| Nickel     | 60-2  | 25928   | 26128   | 26703   | 26253   | 1.53    | cps   |
| Phosphorus | 31-2  | 233     | 317     | 308     | 286     | 16.04   | cps   |
| Potassium  | 39-2  | 20507   | 20265   | 20658   | 20477   | 0.97    | cps   |
| Rhodium    | 103-1 | 5064179 | 4969802 | 4970560 | 5001513 | 1.09    | cps   |
| Rhodium    | 103-2 | 1733335 | 1698791 | 1735799 | 1722642 | 1.20    | cps   |
| Scandium   | 45-1  | 3714838 | 3724471 | 3702161 | 3713823 | 0.30    | cps   |
| Scandium   | 45-2  | 37139   | 37440   | 37333   | 37304   | 0.41    | cps   |
| Selenium   | 77-2  | 0       | 7       | 7       | 4       | 86.60   | cps   |
| Selenium   | 78-2  | 0       | 2       | 2       | 1       | 86.60   | cps   |
| Selenium   | 82-1  | -57     | 21      | -7      | -14     | -275.76 | cps   |
| Silicon    | 28-1  | 5273440 | 5189499 | 5232217 | 5231719 | 0.80    | cps   |
| Silver     | 109-1 | 208     | 325     | 250     | 261     | 22.64   | cps   |
| Silver     | 107-1 | 267     | 317     | 267     | 283     | 10.19   | cps   |
| Sodium     | 23-2  | 1233287 | 1238653 | 1242796 | 1238245 | 0.39    | cps   |
| Strontium  | 86-1  | 60594   | 59405   | 58635   | 59545   | 1.66    | cps   |
| Strontium  | 88-1  | 505304  | 501622  | 498525  | 501817  | 0.68    | cps   |
| Sulfur     | 34-1  | 518192  | 514254  | 514326  | 515591  | 0.44    | cps   |
| Terbium    | 159-1 | 5377420 | 5311364 | 5344023 | 5344269 | 0.62    | cps   |
| Terbium    | 159-2 | 1636197 | 1653250 | 1669004 | 1652817 | 0.99    | cps   |
| Thallium   | 203-1 | 150     | 133     | 200     | 161     | 21.53   | cps   |
| Thallium   | 205-1 | 367     | 508     | 333     | 403     | 23.07   | cps   |
| Tin        | 118-1 | 525     | 492     | 542     | 519     | 4.90    | cps   |
| Titanium   | 47-1  | 433     | 567     | 475     | 492     | 13.87   | cps   |
| Uranium    | 238-1 | 392     | 425     | 317     | 378     | 14.69   | cps   |
| Vanadium   | 51-2  | 60      | 50      | 40      | 50      | 20.00   | cps   |
| Yttrium    | 89-1  | 5895151 | 5960509 | 5779707 | 5878456 | 1.56    | cps   |
| Yttrium    | 89-2  | 246383  | 248138  | 245507  | 246676  | 0.54    | cps   |
| Zinc       | 66-2  | 243245  | 241597  | 242053  | 242298  | 0.35    | cps   |
| Zirconium  | 90-1  | 858     | 567     | 550     | 658     | 26.35   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-23             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-23-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:51:59  | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 183  | 108  | 158     | 27.35  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-24 Instrumnet Name : P8  
 Client Sample ID : DC20894-24-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:55:09 DataFile Name : 074SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 258     | 267     | 267     | 264     | 1.82   | cps   |
| Antimony   | 121-1 | 600     | 633     | 600     | 611     | 3.15   | cps   |
| Arsenic    | 75-2  | 50      | 48      | 78      | 59      | 28.30  | cps   |
| Barium     | 135-1 | 32048   | 32039   | 31673   | 31920   | 0.67   | cps   |
| Barium     | 137-1 | 56388   | 55317   | 55342   | 55682   | 1.10   | cps   |
| Beryllium  | 9-1   | 67      | 67      | 56      | 63      | 10.19  | cps   |
| Bismuth    | 209-1 | 2816311 | 2822001 | 2815896 | 2818069 | 0.12   | cps   |
| Bismuth    | 209-2 | 1218181 | 1216474 | 1213566 | 1216073 | 0.19   | cps   |
| Boron      | 10-1  | 1200    | 1283    | 1250    | 1245    | 3.37   | cps   |
| Boron      | 11-1  | 5435    | 5718    | 6002    | 5718    | 4.96   | cps   |
| Cadmium    | 111-1 | 931     | 1070    | 903     | 968     | 9.23   | cps   |
| Cadmium    | 106-1 | 1242    | 1400    | 1275    | 1306    | 6.39   | cps   |
| Cadmium    | 108-1 | 25      | 8       | 8       | 14      | 69.31  | cps   |
| Calcium    | 43-1  | 153547  | 150381  | 148411  | 150780  | 1.72   | cps   |
| Calcium    | 44-1  | 2585346 | 2555679 | 2579311 | 2573445 | 0.61   | cps   |
| Chromium   | 52-2  | 990     | 1000    | 1090    | 1027    | 5.37   | cps   |
| Cobalt     | 59-2  | 133     | 140     | 210     | 161     | 26.36  | cps   |
| Copper     | 63-2  | 480892  | 478668  | 478016  | 479192  | 0.31   | cps   |
| Dysprosium | 156-1 | 100     | 75      | 92      | 89      | 14.32  | cps   |
| Dysprosium | 156-2 | 23      | 13      | 10      | 16      | 44.60  | cps   |
| Erbium     | 164-1 | 108     | 117     | 33      | 86      | 53.30  | cps   |
| Erbium     | 164-2 | 23      | 10      | 13      | 16      | 44.60  | cps   |
| Gadolinium | 160-1 | 83      | 83      | 117     | 94      | 20.37  | cps   |
| Gadolinium | 160-2 | 27      | 37      | 23      | 29      | 24.03  | cps   |
| Holmium    | 165-1 | 5014928 | 4921580 | 4989989 | 4975499 | 0.97   | cps   |
| Holmium    | 165-2 | 1697415 | 1693151 | 1701607 | 1697391 | 0.25   | cps   |
| Indium     | 115-1 | 5107749 | 5107702 | 5168429 | 5127960 | 0.68   | cps   |
| Indium     | 115-2 | 329479  | 333030  | 326384  | 329631  | 1.01   | cps   |
| Iron       | 56-2  | 37247   | 36515   | 34043   | 35935   | 4.67   | cps   |
| Iron       | 57-2  | 967     | 867     | 950     | 928     | 5.78   | cps   |
| Lead       | 206-1 | 19171   | 19387   | 19566   | 19375   | 1.02   | cps   |
| Lead       | 207-1 | 15933   | 16049   | 16244   | 16075   | 0.98   | cps   |
| Lead       | 208-1 | 75011   | 74620   | 76359   | 75330   | 1.21   | cps   |
| Lithium    | 6-1   | 952711  | 937268  | 931034  | 940338  | 1.19   | cps   |
| Magnesium  | 24-2  | 55802   | 56062   | 55384   | 55749   | 0.61   | cps   |
| Manganese  | 55-2  | 8049    | 8386    | 8429    | 8288    | 2.51   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-24 Instrumnet Name : P8  
 Client Sample ID : DC20894-24-FL1-CL3-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:55:09 DataFile Name : 074SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 408     | 425     | 467     | 433     | 6.93   | cps   |
| Molybdenum | 95-1  | 100     | 183     | 208     | 164     | 34.61  | cps   |
| Molybdenum | 96-1  | 275     | 283     | 292     | 283     | 2.94   | cps   |
| Molybdenum | 97-1  | 150     | 125     | 133     | 136     | 9.35   | cps   |
| Molybdenum | 98-1  | 233     | 267     | 300     | 267     | 12.50  | cps   |
| Neodymium  | 150-1 | 73      | 47      | 73      | 64      | 23.89  | cps   |
| Neodymium  | 150-2 | 3       | 10      | 3       | 6       | 69.34  | cps   |
| Nickel     | 60-2  | 4638    | 4568    | 4708    | 4638    | 1.51   | cps   |
| Phosphorus | 31-2  | 558     | 433     | 675     | 556     | 21.75  | cps   |
| Potassium  | 39-2  | 20024   | 21509   | 20691   | 20741   | 3.59   | cps   |
| Rhodium    | 103-1 | 4962677 | 5055518 | 4951754 | 4989983 | 1.14   | cps   |
| Rhodium    | 103-2 | 1737870 | 1753107 | 1718267 | 1736415 | 1.01   | cps   |
| Scandium   | 45-1  | 3754471 | 3755650 | 3710692 | 3740271 | 0.69   | cps   |
| Scandium   | 45-2  | 37898   | 38299   | 38038   | 38078   | 0.53   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 7       | 4       | 5       | 43.39  | cps   |
| Selenium   | 82-1  | -57     | -106    | -57     | -73     | -38.27 | cps   |
| Silicon    | 28-1  | 5308082 | 5241219 | 5627771 | 5392357 | 3.83   | cps   |
| Silver     | 109-1 | 275     | 267     | 275     | 272     | 1.77   | cps   |
| Silver     | 107-1 | 283     | 308     | 250     | 281     | 10.43  | cps   |
| Sodium     | 23-2  | 1226995 | 1246074 | 1227878 | 1233649 | 0.87   | cps   |
| Strontium  | 86-1  | 55648   | 56318   | 56125   | 56030   | 0.62   | cps   |
| Strontium  | 88-1  | 479557  | 471166  | 468453  | 473059  | 1.22   | cps   |
| Sulfur     | 34-1  | 513843  | 513464  | 515001  | 514103  | 0.16   | cps   |
| Terbium    | 159-1 | 5381640 | 5317228 | 5397577 | 5365482 | 0.79   | cps   |
| Terbium    | 159-2 | 1695256 | 1700346 | 1655868 | 1683823 | 1.45   | cps   |
| Thallium   | 203-1 | 158     | 183     | 167     | 169     | 7.51   | cps   |
| Thallium   | 205-1 | 208     | 142     | 300     | 217     | 36.69  | cps   |
| Tin        | 118-1 | 792     | 883     | 850     | 842     | 5.51   | cps   |
| Titanium   | 47-1  | 767     | 783     | 5056    | 2202    | 112.24 | cps   |
| Uranium    | 238-1 | 442     | 400     | 325     | 389     | 15.20  | cps   |
| Vanadium   | 51-2  | 93      | 103     | 90      | 96      | 7.26   | cps   |
| Yttrium    | 89-1  | 5846289 | 5881973 | 5783557 | 5837273 | 0.85   | cps   |
| Yttrium    | 89-2  | 251460  | 249076  | 249351  | 249963  | 0.52   | cps   |
| Zinc       | 66-2  | 49501   | 48859   | 49431   | 49264   | 0.72   | cps   |
| Zirconium  | 90-1  | 783     | 867     | 900     | 850     | 7.08   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-24             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-24-FL1-CL3-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:55:09  | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 117  | 175  | 150     | 20.03  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-25 Instrumnet Name : P8  
 Client Sample ID : DC20894-25-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 15:58:16 DataFile Name : 075SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 308     | 367     | 217     | 297     | 25.44  | cps   |
| Antimony   | 121-1 | 542     | 475     | 625     | 547     | 13.74  | cps   |
| Arsenic    | 75-2  | 70      | 50      | 52      | 57      | 19.62  | cps   |
| Barium     | 135-1 | 32967   | 32834   | 31555   | 32452   | 2.40   | cps   |
| Barium     | 137-1 | 56648   | 56565   | 55208   | 56140   | 1.44   | cps   |
| Beryllium  | 9-1   | 56      | 83      | 50      | 63      | 28.37  | cps   |
| Bismuth    | 209-1 | 2841353 | 2796143 | 2756245 | 2797914 | 1.52   | cps   |
| Bismuth    | 209-2 | 1137729 | 1198116 | 1194480 | 1176775 | 2.88   | cps   |
| Boron      | 10-1  | 1183    | 1300    | 1217    | 1233    | 4.87   | cps   |
| Boron      | 11-1  | 6027    | 5810    | 5560    | 5799    | 4.03   | cps   |
| Cadmium    | 111-1 | 848     | 928     | 836     | 871     | 5.71   | cps   |
| Cadmium    | 106-1 | 1175    | 1258    | 1142    | 1192    | 5.04   | cps   |
| Cadmium    | 108-1 | 29      | 17      | 13      | 19      | 44.61  | cps   |
| Calcium    | 43-1  | 151006  | 150189  | 149666  | 150287  | 0.45   | cps   |
| Calcium    | 44-1  | 2605973 | 2556850 | 2568480 | 2577101 | 1.00   | cps   |
| Chromium   | 52-2  | 1127    | 1030    | 1137    | 1098    | 5.37   | cps   |
| Cobalt     | 59-2  | 167     | 113     | 123     | 134     | 21.08  | cps   |
| Copper     | 63-2  | 444243  | 439435  | 433577  | 439085  | 1.22   | cps   |
| Dysprosium | 156-1 | 92      | 25      | 50      | 56      | 60.62  | cps   |
| Dysprosium | 156-2 | 17      | 10      | 27      | 18      | 47.19  | cps   |
| Erbium     | 164-1 | 100     | 100     | 133     | 111     | 17.32  | cps   |
| Erbium     | 164-2 | 20      | 20      | 30      | 23      | 24.74  | cps   |
| Gadolinium | 160-1 | 133     | 100     | 92      | 108     | 20.35  | cps   |
| Gadolinium | 160-2 | 37      | 37      | 33      | 36      | 5.42   | cps   |
| Holmium    | 165-1 | 5009435 | 5008087 | 4851086 | 4956203 | 1.84   | cps   |
| Holmium    | 165-2 | 1526407 | 1683383 | 1638375 | 1616055 | 5.00   | cps   |
| Indium     | 115-1 | 5111557 | 5163009 | 5051232 | 5108599 | 1.10   | cps   |
| Indium     | 115-2 | 310028  | 328256  | 328360  | 322214  | 3.28   | cps   |
| Iron       | 56-2  | 34229   | 33436   | 34808   | 34157   | 2.02   | cps   |
| Iron       | 57-2  | 900     | 900     | 995     | 932     | 5.86   | cps   |
| Lead       | 206-1 | 16356   | 16455   | 15816   | 16209   | 2.12   | cps   |
| Lead       | 207-1 | 13902   | 14014   | 13619   | 13845   | 1.47   | cps   |
| Lead       | 208-1 | 64132   | 64627   | 62668   | 63809   | 1.60   | cps   |
| Lithium    | 6-1   | 939874  | 946995  | 914917  | 933929  | 1.80   | cps   |
| Magnesium  | 24-2  | 55242   | 55584   | 53761   | 54862   | 1.77   | cps   |
| Manganese  | 55-2  | 7722    | 7659    | 7712    | 7698    | 0.44   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-25             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-25-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:58:16  | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 258     | 325     | 425     | 336     | 24.96   | cps   |
| Molybdenum | 95-1  | 125     | 217     | 200     | 181     | 27.04   | cps   |
| Molybdenum | 96-1  | 317     | 258     | 267     | 281     | 11.24   | cps   |
| Molybdenum | 97-1  | 183     | 200     | 117     | 167     | 26.46   | cps   |
| Molybdenum | 98-1  | 258     | 208     | 250     | 239     | 11.21   | cps   |
| Neodymium  | 150-1 | 53      | 60      | 40      | 51      | 19.92   | cps   |
| Neodymium  | 150-2 | 17      | 17      | 7       | 13      | 43.29   | cps   |
| Nickel     | 60-2  | 3594    | 3441    | 3531    | 3522    | 2.19    | cps   |
| Phosphorus | 31-2  | 542     | 600     | 558     | 567     | 5.30    | cps   |
| Potassium  | 39-2  | 20583   | 20591   | 19656   | 20276   | 2.65    | cps   |
| Rhodium    | 103-1 | 4971749 | 5002499 | 5003057 | 4992435 | 0.36    | cps   |
| Rhodium    | 103-2 | 1612692 | 1694862 | 1699832 | 1669129 | 2.93    | cps   |
| Scandium   | 45-1  | 3741057 | 3727829 | 3671364 | 3713416 | 1.00    | cps   |
| Scandium   | 45-2  | 35575   | 37641   | 37450   | 36889   | 3.09    | cps   |
| Selenium   | 77-2  | 3       | 0       | 3       | 2       | 86.60   | cps   |
| Selenium   | 78-2  | 4       | 4       | 2       | 3       | 34.64   | cps   |
| Selenium   | 82-1  | -77     | 57      | -109    | -43     | -205.84 | cps   |
| Silicon    | 28-1  | 5301179 | 5317640 | 5368289 | 5329036 | 0.66    | cps   |
| Silver     | 109-1 | 192     | 158     | 384     | 245     | 49.71   | cps   |
| Silver     | 107-1 | 1374    | 233     | 150     | 586     | 116.75  | cps   |
| Sodium     | 23-2  | 1236396 | 1234590 | 1200456 | 1223814 | 1.65    | cps   |
| Strontium  | 86-1  | 56007   | 56970   | 56944   | 56641   | 0.97    | cps   |
| Strontium  | 88-1  | 481666  | 476505  | 479453  | 479208  | 0.54    | cps   |
| Sulfur     | 34-1  | 517332  | 513210  | 517378  | 515974  | 0.46    | cps   |
| Terbium    | 159-1 | 5351130 | 5414836 | 5271318 | 5345761 | 1.35    | cps   |
| Terbium    | 159-2 | 1508474 | 1649175 | 1660183 | 1605944 | 5.27    | cps   |
| Thallium   | 203-1 | 142     | 133     | 108     | 128     | 13.57   | cps   |
| Thallium   | 205-1 | 258     | 358     | 250     | 289     | 20.87   | cps   |
| Tin        | 118-1 | 883     | 692     | 1075    | 883     | 21.70   | cps   |
| Titanium   | 47-1  | 825     | 733     | 758     | 772     | 6.14    | cps   |
| Uranium    | 238-1 | 400     | 283     | 250     | 311     | 25.32   | cps   |
| Vanadium   | 51-2  | 77      | 77      | 70      | 74      | 5.17    | cps   |
| Yttrium    | 89-1  | 5846980 | 5846239 | 5880562 | 5857927 | 0.33    | cps   |
| Yttrium    | 89-2  | 233746  | 248067  | 244520  | 242111  | 3.08    | cps   |
| Zinc       | 66-2  | 34563   | 33805   | 33394   | 33921   | 1.75    | cps   |
| Zirconium  | 90-1  | 933     | 792     | 775     | 833     | 10.44   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-25             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-25-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 15:58:16  | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 167  | 250  | 200     | 22.05  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:01:23 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Antimony   | 121-1 | 83      | 58      | 50      | 64      | 27.15  | cps   |
| Arsenic    | 75-2  | 4       | 2       | 6       | 4       | 50.09  | cps   |
| Barium     | 135-1 | 50      | 58      | 83      | 64      | 27.15  | cps   |
| Barium     | 137-1 | 108     | 67      | 150     | 108     | 38.46  | cps   |
| Beryllium  | 9-1   | 72      | 50      | 44      | 56      | 26.45  | cps   |
| Bismuth    | 209-1 | 2606653 | 2591413 | 2613331 | 2603799 | 0.43   | cps   |
| Bismuth    | 209-2 | 1126582 | 1088915 | 1122982 | 1112827 | 1.87   | cps   |
| Boron      | 10-1  | 683     | 483     | 583     | 583     | 17.14  | cps   |
| Boron      | 11-1  | 2375    | 2375    | 2359    | 2370    | 0.41   | cps   |
| Cadmium    | 111-1 | 926     | 793     | 959     | 893     | 9.85   | cps   |
| Cadmium    | 106-1 | 1300    | 1125    | 1350    | 1258    | 9.39   | cps   |
| Cadmium    | 108-1 | 13      | 4       | 4       | 7       | 69.23  | cps   |
| Calcium    | 43-1  | 5118    | 4918    | 5068    | 5034    | 2.07   | cps   |
| Calcium    | 44-1  | 85343   | 82560   | 83893   | 83932   | 1.66   | cps   |
| Chromium   | 52-2  | 993     | 953     | 1020    | 989     | 3.39   | cps   |
| Cobalt     | 59-2  | 110     | 83      | 70      | 88      | 23.20  | cps   |
| Copper     | 63-2  | 583     | 660     | 677     | 640     | 7.78   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 25      | 19      | 49.50  | cps   |
| Dysprosium | 156-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 25      | 8       | 17      | 17      | 50.01  | cps   |
| Erbium     | 164-2 | 7       | 7       | 10      | 8       | 24.71  | cps   |
| Gadolinium | 160-1 | 67      | 8       | 58      | 44      | 70.99  | cps   |
| Gadolinium | 160-2 | 3       | 0       | 10      | 4       | 114.60 | cps   |
| Holmium    | 165-1 | 4591064 | 4607464 | 4602707 | 4600412 | 0.18   | cps   |
| Holmium    | 165-2 | 1496825 | 1460829 | 1524061 | 1493905 | 2.12   | cps   |
| Indium     | 115-1 | 4658602 | 4689327 | 4692709 | 4680213 | 0.40   | cps   |
| Indium     | 115-2 | 306048  | 294593  | 309112  | 303251  | 2.52   | cps   |
| Iron       | 56-2  | 3484    | 3234    | 3317    | 3345    | 3.81   | cps   |
| Iron       | 57-2  | 89      | 94      | 72      | 85      | 13.58  | cps   |
| Lead       | 206-1 | 2035866 | 2021277 | 2018375 | 2025173 | 0.46   | cps   |
| Lead       | 207-1 | 1851589 | 1860975 | 1853890 | 1855485 | 0.26   | cps   |
| Lead       | 208-1 | 8239479 | 8263433 | 8252877 | 8251929 | 0.15   | cps   |
| Lithium    | 6-1   | 839234  | 844784  | 849027  | 844348  | 0.58   | cps   |
| Magnesium  | 24-2  | 92      | 150     | 92      | 111     | 30.31  | cps   |
| Manganese  | 55-2  | 77      | 73      | 67      | 72      | 7.05   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:01:23 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 92      | 108     | 200     | 133     | 43.75   | cps   |
| Molybdenum | 95-1  | 17      | 42      | 42      | 33      | 43.30   | cps   |
| Molybdenum | 96-1  | 42      | 92      | 83      | 72      | 37.09   | cps   |
| Molybdenum | 97-1  | 83      | 50      | 100     | 78      | 32.74   | cps   |
| Molybdenum | 98-1  | 8       | 8       | 25      | 14      | 69.31   | cps   |
| Neodymium  | 150-1 | 0       | 13      | 7       | 7       | 99.98   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 77      | 77      | 100     | 84      | 15.95   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 8       | 6       | 86.60   | cps   |
| Potassium  | 39-2  | 4468    | 4084    | 4176    | 4242    | 4.72    | cps   |
| Rhodium    | 103-1 | 4630851 | 4733069 | 4675198 | 4679706 | 1.10    | cps   |
| Rhodium    | 103-2 | 1599286 | 1577537 | 1613659 | 1596827 | 1.14    | cps   |
| Scandium   | 45-1  | 3404979 | 3442315 | 3473875 | 3440390 | 1.00    | cps   |
| Scandium   | 45-2  | 34452   | 33614   | 34589   | 34218   | 1.54    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 2       | 7       | 4       | 4       | 65.54   | cps   |
| Selenium   | 82-1  | -132    | 4       | 65      | -21     | -485.09 | cps   |
| Silicon    | 28-1  | 538160  | 540958  | 534681  | 537933  | 0.58    | cps   |
| Silver     | 109-1 | 100     | 50      | 58      | 69      | 38.58   | cps   |
| Silver     | 107-1 | 42      | 92      | 58      | 64      | 39.85   | cps   |
| Sodium     | 23-2  | 8745    | 9028    | 8561    | 8778    | 2.68    | cps   |
| Strontium  | 86-1  | 1533    | 1417    | 1492    | 1481    | 3.99    | cps   |
| Strontium  | 88-1  | 192     | 200     | 233     | 208     | 10.58   | cps   |
| Sulfur     | 34-1  | 463178  | 464969  | 458546  | 462231  | 0.72    | cps   |
| Terbium    | 159-1 | 4902154 | 4942077 | 4950706 | 4931646 | 0.53    | cps   |
| Terbium    | 159-2 | 1499415 | 1460223 | 1506461 | 1488700 | 1.67    | cps   |
| Thallium   | 203-1 | 108     | 150     | 133     | 131     | 16.06   | cps   |
| Thallium   | 205-1 | 275     | 408     | 233     | 306     | 29.92   | cps   |
| Tin        | 118-1 | 2534    | 2709    | 2409    | 2550    | 5.91    | cps   |
| Titanium   | 47-1  | 217     | 192     | 242     | 217     | 11.54   | cps   |
| Uranium    | 238-1 | 42      | 17      | 17      | 25      | 57.73   | cps   |
| Vanadium   | 51-2  | 20      | 3       | 20      | 14      | 66.64   | cps   |
| Yttrium    | 89-1  | 5322231 | 5352161 | 5424508 | 5366300 | 0.98    | cps   |
| Yttrium    | 89-2  | 228183  | 224628  | 229988  | 227600  | 1.20    | cps   |
| Zinc       | 66-2  | 143     | 130     | 133     | 136     | 5.12    | cps   |
| Zirconium  | 90-1  | 383     | 392     | 442     | 406     | 7.78    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV97               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:01:23 | DataFile Name :   | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 108  | 83   | 94      | 13.48  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:04:34 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 42      | 25      | 33      | 25.01  | cps   |
| Antimony   | 121-1 | 17      | 58      | 50      | 42      | 52.91  | cps   |
| Arsenic    | 75-2  | 7       | 2       | 13      | 7       | 75.00  | cps   |
| Barium     | 135-1 | 67      | 17      | 8       | 31      | 103.26 | cps   |
| Barium     | 137-1 | 42      | 8       | 67      | 39      | 75.26  | cps   |
| Beryllium  | 9-1   | 83      | 78      | 44      | 69      | 30.69  | cps   |
| Bismuth    | 209-1 | 2472777 | 2649060 | 2621897 | 2581245 | 3.68   | cps   |
| Bismuth    | 209-2 | 1126948 | 1137680 | 1134775 | 1133134 | 0.49   | cps   |
| Boron      | 10-1  | 450     | 400     | 525     | 458     | 13.73  | cps   |
| Boron      | 11-1  | 1967    | 1884    | 1784    | 1878    | 4.89   | cps   |
| Cadmium    | 111-1 | 875     | 965     | 763     | 868     | 11.70  | cps   |
| Cadmium    | 106-1 | 1258    | 1375    | 1092    | 1242    | 11.47  | cps   |
| Cadmium    | 108-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Calcium    | 43-1  | 4943    | 5301    | 4726    | 4990    | 5.82   | cps   |
| Calcium    | 44-1  | 81663   | 81478   | 81956   | 81699   | 0.30   | cps   |
| Chromium   | 52-2  | 977     | 1010    | 897     | 961     | 6.06   | cps   |
| Cobalt     | 59-2  | 93      | 87      | 93      | 91      | 4.23   | cps   |
| Copper     | 63-2  | 617     | 573     | 583     | 591     | 3.84   | cps   |
| Dysprosium | 156-1 | 17      | 25      | 50      | 31      | 56.77  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 8       | 8       | 50      | 22      | 108.27 | cps   |
| Erbium     | 164-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 42      | 33      | 58      | 44      | 28.65  | cps   |
| Gadolinium | 160-2 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Holmium    | 165-1 | 4339411 | 4654875 | 4642971 | 4545752 | 3.93   | cps   |
| Holmium    | 165-2 | 1513592 | 1517378 | 1511898 | 1514289 | 0.19   | cps   |
| Indium     | 115-1 | 4415910 | 4763120 | 4745886 | 4641639 | 4.22   | cps   |
| Indium     | 115-2 | 309171  | 309992  | 308005  | 309056  | 0.32   | cps   |
| Iron       | 56-2  | 3339    | 3317    | 3073    | 3243    | 4.56   | cps   |
| Iron       | 57-2  | 89      | 94      | 67      | 83      | 17.64  | cps   |
| Lead       | 206-1 | 378     | 344     | 444     | 389     | 13.09  | cps   |
| Lead       | 207-1 | 428     | 317     | 356     | 367     | 15.38  | cps   |
| Lead       | 208-1 | 1667    | 1461    | 1656    | 1595    | 7.25   | cps   |
| Lithium    | 6-1   | 805484  | 855694  | 850678  | 837285  | 3.30   | cps   |
| Magnesium  | 24-2  | 108     | 92      | 58      | 86      | 29.56  | cps   |
| Manganese  | 55-2  | 57      | 50      | 60      | 56      | 9.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:04:34 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 92      | 92      | 142     | 108     | 26.65   | cps   |
| Molybdenum | 95-1  | 0       | 33      | 8       | 14      | 124.91  | cps   |
| Molybdenum | 96-1  | 75      | 67      | 58      | 67      | 12.49   | cps   |
| Molybdenum | 97-1  | 83      | 67      | 58      | 69      | 18.33   | cps   |
| Molybdenum | 98-1  | 33      | 0       | 8       | 14      | 124.91  | cps   |
| Neodymium  | 150-1 | 13      | 7       | 7       | 9       | 43.25   | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 90      | 67      | 70      | 76      | 16.70   | cps   |
| Phosphorus | 31-2  | 8       | 33      | 17      | 19      | 65.47   | cps   |
| Potassium  | 39-2  | 4434    | 4226    | 4259    | 4306    | 2.60    | cps   |
| Rhodium    | 103-1 | 4406094 | 4776080 | 4632282 | 4604819 | 4.05    | cps   |
| Rhodium    | 103-2 | 1622562 | 1630895 | 1582092 | 1611850 | 1.62    | cps   |
| Scandium   | 45-1  | 3228648 | 3444409 | 3451100 | 3374719 | 3.75    | cps   |
| Scandium   | 45-2  | 35107   | 35244   | 35341   | 35231   | 0.33    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 2       | 2       | 4       | 2       | 43.30   | cps   |
| Selenium   | 82-1  | -15     | -149    | 4       | -53     | -156.74 | cps   |
| Silicon    | 28-1  | 540290  | 540693  | 533905  | 538296  | 0.71    | cps   |
| Silver     | 109-1 | 125     | 100     | 83      | 103     | 20.40   | cps   |
| Silver     | 107-1 | 58      | 125     | 125     | 103     | 37.45   | cps   |
| Sodium     | 23-2  | 9070    | 8720    | 8453    | 8748    | 3.54    | cps   |
| Strontium  | 86-1  | 1734    | 1342    | 1500    | 1525    | 12.92   | cps   |
| Strontium  | 88-1  | 175     | 117     | 83      | 125     | 37.12   | cps   |
| Sulfur     | 34-1  | 470474  | 467265  | 468360  | 468700  | 0.35    | cps   |
| Terbium    | 159-1 | 4673464 | 4917062 | 4946419 | 4845648 | 3.09    | cps   |
| Terbium    | 159-2 | 1512121 | 1508991 | 1506098 | 1509070 | 0.20    | cps   |
| Thallium   | 203-1 | 100     | 133     | 133     | 122     | 15.75   | cps   |
| Thallium   | 205-1 | 258     | 367     | 333     | 319     | 17.37   | cps   |
| Tin        | 118-1 | 558     | 508     | 567     | 544     | 5.79    | cps   |
| Titanium   | 47-1  | 225     | 217     | 133     | 192     | 26.45   | cps   |
| Uranium    | 238-1 | 17      | 8       | 8       | 11      | 43.34   | cps   |
| Vanadium   | 51-2  | 13      | 10      | 33      | 19      | 66.81   | cps   |
| Yttrium    | 89-1  | 5112811 | 5438140 | 5462196 | 5337716 | 3.66    | cps   |
| Yttrium    | 89-2  | 229692  | 231817  | 229742  | 230417  | 0.53    | cps   |
| Zinc       | 66-2  | 33      | 23      | 43      | 33      | 30.00   | cps   |
| Zirconium  | 90-1  | 242     | 383     | 233     | 286     | 29.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB97               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB97               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:04:34 | DataFile Name :   | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 50   | 58   | 67      | 33.07  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-26 Instrumnet Name : P8  
 Client Sample ID : DC20894-26-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:07:44 DataFile Name : 078SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 492     | 392     | 183     | 356     | 44.25  | cps   |
| Antimony   | 121-1 | 608     | 583     | 500     | 564     | 10.06  | cps   |
| Arsenic    | 75-2  | 37      | 44      | 72      | 51      | 36.20  | cps   |
| Barium     | 135-1 | 33201   | 31079   | 32023   | 32101   | 3.31   | cps   |
| Barium     | 137-1 | 56037   | 56656   | 56237   | 56310   | 0.56   | cps   |
| Beryllium  | 9-1   | 11      | 61      | 100     | 57      | 77.62  | cps   |
| Bismuth    | 209-1 | 2771918 | 2818200 | 2800566 | 2796895 | 0.84   | cps   |
| Bismuth    | 209-2 | 1204605 | 1204694 | 1204991 | 1204763 | 0.02   | cps   |
| Boron      | 10-1  | 1258    | 1467    | 1233    | 1320    | 9.71   | cps   |
| Boron      | 11-1  | 5977    | 5935    | 5735    | 5882    | 2.20   | cps   |
| Cadmium    | 111-1 | 945     | 1105    | 1027    | 1026    | 7.80   | cps   |
| Cadmium    | 106-1 | 1292    | 1542    | 1417    | 1417    | 8.82   | cps   |
| Cadmium    | 108-1 | 25      | 17      | 21      | 21      | 19.99  | cps   |
| Calcium    | 43-1  | 152909  | 150549  | 148924  | 150794  | 1.33   | cps   |
| Calcium    | 44-1  | 2618850 | 2577613 | 2525757 | 2574074 | 1.81   | cps   |
| Chromium   | 52-2  | 993     | 1023    | 1033    | 1017    | 2.05   | cps   |
| Cobalt     | 59-2  | 127     | 150     | 147     | 141     | 8.94   | cps   |
| Copper     | 63-2  | 406659  | 401429  | 399930  | 402672  | 0.88   | cps   |
| Dysprosium | 156-1 | 50      | 50      | 67      | 56      | 17.32  | cps   |
| Dysprosium | 156-2 | 40      | 27      | 17      | 28      | 42.13  | cps   |
| Erbium     | 164-1 | 42      | 58      | 83      | 61      | 34.32  | cps   |
| Erbium     | 164-2 | 43      | 20      | 27      | 30      | 40.05  | cps   |
| Gadolinium | 160-1 | 75      | 83      | 100     | 86      | 14.79  | cps   |
| Gadolinium | 160-2 | 43      | 30      | 23      | 32      | 31.61  | cps   |
| Holmium    | 165-1 | 5047932 | 5058284 | 5006004 | 5037407 | 0.55   | cps   |
| Holmium    | 165-2 | 1714319 | 1689803 | 1682906 | 1695676 | 0.97   | cps   |
| Indium     | 115-1 | 5171737 | 5198191 | 5126545 | 5165491 | 0.70   | cps   |
| Indium     | 115-2 | 330294  | 326084  | 327595  | 327991  | 0.65   | cps   |
| Iron       | 56-2  | 38406   | 39581   | 40244   | 39410   | 2.36   | cps   |
| Iron       | 57-2  | 1011    | 1022    | 1022    | 1019    | 0.63   | cps   |
| Lead       | 206-1 | 13669   | 14331   | 13991   | 13997   | 2.36   | cps   |
| Lead       | 207-1 | 11561   | 12112   | 11689   | 11787   | 2.44   | cps   |
| Lead       | 208-1 | 53028   | 54752   | 53550   | 53777   | 1.64   | cps   |
| Lithium    | 6-1   | 957243  | 945144  | 941272  | 947886  | 0.88   | cps   |
| Magnesium  | 24-2  | 56170   | 55317   | 54966   | 55484   | 1.12   | cps   |
| Manganese  | 55-2  | 7522    | 7085    | 7522    | 7377    | 3.42   | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-26 Instrumnet Name : P8  
 Client Sample ID : DC20894-26-FL1-BRCL3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:07:44 DataFile Name : 078SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 475     | 300     | 358     | 378     | 23.59  | cps   |
| Molybdenum | 95-1  | 125     | 183     | 200     | 169     | 23.24  | cps   |
| Molybdenum | 96-1  | 358     | 342     | 300     | 333     | 9.01   | cps   |
| Molybdenum | 97-1  | 183     | 158     | 150     | 164     | 10.58  | cps   |
| Molybdenum | 98-1  | 275     | 292     | 208     | 258     | 17.07  | cps   |
| Neodymium  | 150-1 | 33      | 53      | 40      | 42      | 24.13  | cps   |
| Neodymium  | 150-2 | 3       | 10      | 13      | 9       | 57.30  | cps   |
| Nickel     | 60-2  | 3134    | 2997    | 3110    | 3080    | 2.37   | cps   |
| Phosphorus | 31-2  | 442     | 425     | 500     | 456     | 8.64   | cps   |
| Potassium  | 39-2  | 19907   | 19615   | 20007   | 19843   | 1.03   | cps   |
| Rhodium    | 103-1 | 4980526 | 5012644 | 5022705 | 5005292 | 0.44   | cps   |
| Rhodium    | 103-2 | 1716671 | 1706088 | 1716750 | 1713169 | 0.36   | cps   |
| Scandium   | 45-1  | 3726888 | 3724810 | 3666233 | 3705977 | 0.93   | cps   |
| Scandium   | 45-2  | 37968   | 37580   | 37005   | 37518   | 1.29   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 6       | 6       | 4       | 49.54  | cps   |
| Selenium   | 82-1  | 22      | -64     | 61      | 7       | 966.93 | cps   |
| Silicon    | 28-1  | 5324186 | 5206294 | 5201430 | 5243970 | 1.33   | cps   |
| Silver     | 109-1 | 183     | 183     | 225     | 197     | 12.20  | cps   |
| Silver     | 107-1 | 292     | 183     | 167     | 214     | 31.73  | cps   |
| Sodium     | 23-2  | 1232851 | 1229260 | 1227006 | 1229705 | 0.24   | cps   |
| Strontium  | 86-1  | 57723   | 55656   | 56644   | 56674   | 1.82   | cps   |
| Strontium  | 88-1  | 480689  | 474776  | 473324  | 476263  | 0.82   | cps   |
| Sulfur     | 34-1  | 521560  | 526558  | 522073  | 523397  | 0.53   | cps   |
| Terbium    | 159-1 | 5358751 | 5429341 | 5318840 | 5368977 | 1.04   | cps   |
| Terbium    | 159-2 | 1646961 | 1669075 | 1674953 | 1663663 | 0.89   | cps   |
| Thallium   | 203-1 | 150     | 225     | 133     | 169     | 28.82  | cps   |
| Thallium   | 205-1 | 333     | 375     | 375     | 361     | 6.66   | cps   |
| Tin        | 118-1 | 800     | 917     | 700     | 806     | 13.46  | cps   |
| Titanium   | 47-1  | 792     | 683     | 725     | 733     | 7.45   | cps   |
| Uranium    | 238-1 | 275     | 375     | 317     | 322     | 15.59  | cps   |
| Vanadium   | 51-2  | 90      | 80      | 97      | 89      | 9.44   | cps   |
| Yttrium    | 89-1  | 5847177 | 5879476 | 5838796 | 5855150 | 0.37   | cps   |
| Yttrium    | 89-2  | 247778  | 245510  | 245412  | 246234  | 0.54   | cps   |
| Zinc       | 66-2  | 31199   | 31292   | 31412   | 31301   | 0.34   | cps   |
| Zirconium  | 90-1  | 808     | 817     | 692     | 772     | 9.05   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-26             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-26-FL1-BRCL3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:07:44  | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 150  | 225  | 197     | 20.84  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-27 Instrumnet Name : P8  
 Client Sample ID : DC20894-27-FL1-HA-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:10:51 DataFile Name : 079SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 317     | 250     | 200     | 256     | 22.91  | cps   |
| Antimony   | 121-1 | 725     | 517     | 458     | 567     | 24.74  | cps   |
| Arsenic    | 75-2  | 39      | 46      | 50      | 45      | 12.55  | cps   |
| Barium     | 135-1 | 35298   | 35215   | 34404   | 34972   | 1.41   | cps   |
| Barium     | 137-1 | 60866   | 61586   | 60130   | 60860   | 1.20   | cps   |
| Beryllium  | 9-1   | 72      | 67      | 39      | 59      | 30.13  | cps   |
| Bismuth    | 209-1 | 2866431 | 2820283 | 2798812 | 2828509 | 1.22   | cps   |
| Bismuth    | 209-2 | 1214056 | 1195986 | 1209286 | 1206443 | 0.78   | cps   |
| Boron      | 10-1  | 1375    | 1208    | 1208    | 1264    | 7.61   | cps   |
| Boron      | 11-1  | 5885    | 5826    | 5985    | 5899    | 1.36   | cps   |
| Cadmium    | 111-1 | 851     | 950     | 905     | 902     | 5.48   | cps   |
| Cadmium    | 106-1 | 1175    | 1308    | 1300    | 1261    | 5.92   | cps   |
| Cadmium    | 108-1 | 13      | 17      | 25      | 18      | 35.25  | cps   |
| Calcium    | 43-1  | 153582  | 150550  | 150526  | 151552  | 1.16   | cps   |
| Calcium    | 44-1  | 2623807 | 2573726 | 2567453 | 2588329 | 1.19   | cps   |
| Chromium   | 52-2  | 1090    | 1020    | 1010    | 1040    | 4.19   | cps   |
| Cobalt     | 59-2  | 90      | 123     | 117     | 110     | 16.04  | cps   |
| Copper     | 63-2  | 334501  | 332241  | 334533  | 333758  | 0.39   | cps   |
| Dysprosium | 156-1 | 25      | 58      | 25      | 36      | 53.30  | cps   |
| Dysprosium | 156-2 | 7       | 7       | 27      | 13      | 86.58  | cps   |
| Erbium     | 164-1 | 50      | 42      | 92      | 61      | 43.83  | cps   |
| Erbium     | 164-2 | 7       | 3       | 20      | 10      | 88.20  | cps   |
| Gadolinium | 160-1 | 67      | 58      | 67      | 64      | 7.53   | cps   |
| Gadolinium | 160-2 | 23      | 20      | 30      | 24      | 20.83  | cps   |
| Holmium    | 165-1 | 5109682 | 4977519 | 4898463 | 4995221 | 2.14   | cps   |
| Holmium    | 165-2 | 1685866 | 1665327 | 1688783 | 1679992 | 0.76   | cps   |
| Indium     | 115-1 | 5121777 | 5073313 | 5096750 | 5097280 | 0.48   | cps   |
| Indium     | 115-2 | 326298  | 323776  | 328615  | 326230  | 0.74   | cps   |
| Iron       | 56-2  | 19978   | 20045   | 19965   | 19996   | 0.21   | cps   |
| Iron       | 57-2  | 433     | 450     | 522     | 469     | 10.09  | cps   |
| Lead       | 206-1 | 2089    | 2056    | 2222    | 2122    | 4.16   | cps   |
| Lead       | 207-1 | 1761    | 1739    | 1900    | 1800    | 4.85   | cps   |
| Lead       | 208-1 | 8318    | 8362    | 8640    | 8440    | 2.07   | cps   |
| Lithium    | 6-1   | 950060  | 931563  | 934934  | 938853  | 1.05   | cps   |
| Magnesium  | 24-2  | 55241   | 55861   | 54915   | 55339   | 0.87   | cps   |
| Manganese  | 55-2  | 3644    | 3904    | 3901    | 3816    | 3.91   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-27 Instrumnet Name : P8  
 Client Sample ID : DC20894-27-FL1-HA-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:10:51 DataFile Name : 079SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 425     | 350     | 433     | 403     | 11.40  | cps   |
| Molybdenum | 95-1  | 258     | 200     | 125     | 194     | 34.37  | cps   |
| Molybdenum | 96-1  | 250     | 250     | 258     | 253     | 1.90   | cps   |
| Molybdenum | 97-1  | 225     | 167     | 275     | 222     | 24.40  | cps   |
| Molybdenum | 98-1  | 317     | 292     | 283     | 297     | 5.84   | cps   |
| Neodymium  | 150-1 | 27      | 20      | 27      | 24      | 15.75  | cps   |
| Neodymium  | 150-2 | 10      | 7       | 13      | 10      | 33.30  | cps   |
| Nickel     | 60-2  | 703     | 813     | 823     | 780     | 8.54   | cps   |
| Phosphorus | 31-2  | 508     | 467     | 550     | 508     | 8.20   | cps   |
| Potassium  | 39-2  | 19690   | 20591   | 19848   | 20043   | 2.40   | cps   |
| Rhodium    | 103-1 | 5044500 | 5009540 | 4954405 | 5002815 | 0.91   | cps   |
| Rhodium    | 103-2 | 1718447 | 1699029 | 1724184 | 1713887 | 0.77   | cps   |
| Scandium   | 45-1  | 3716449 | 3674535 | 3704629 | 3698538 | 0.58   | cps   |
| Scandium   | 45-2  | 36935   | 37082   | 36491   | 36836   | 0.84   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 6       | 6       | 4       | 5       | 21.74  | cps   |
| Selenium   | 82-1  | 3       | -62     | -85     | -48     | -95.40 | cps   |
| Silicon    | 28-1  | 5312825 | 5281789 | 5255672 | 5283429 | 0.54   | cps   |
| Silver     | 109-1 | 100     | 175     | 125     | 133     | 28.64  | cps   |
| Silver     | 107-1 | 183     | 117     | 108     | 136     | 30.20  | cps   |
| Sodium     | 23-2  | 1217513 | 1207143 | 1210417 | 1211691 | 0.44   | cps   |
| Strontium  | 86-1  | 58568   | 58686   | 56786   | 58013   | 1.84   | cps   |
| Strontium  | 88-1  | 489572  | 487569  | 481864  | 486335  | 0.82   | cps   |
| Sulfur     | 34-1  | 518518  | 517807  | 522551  | 519626  | 0.49   | cps   |
| Terbium    | 159-1 | 5422043 | 5360374 | 5307402 | 5363273 | 1.07   | cps   |
| Terbium    | 159-2 | 1647040 | 1668324 | 1667108 | 1660824 | 0.72   | cps   |
| Thallium   | 203-1 | 150     | 133     | 142     | 142     | 5.88   | cps   |
| Thallium   | 205-1 | 200     | 292     | 250     | 247     | 18.56  | cps   |
| Tin        | 118-1 | 742     | 600     | 942     | 761     | 22.56  | cps   |
| Titanium   | 47-1  | 683     | 542     | 633     | 619     | 11.60  | cps   |
| Uranium    | 238-1 | 142     | 267     | 242     | 217     | 30.53  | cps   |
| Vanadium   | 51-2  | 77      | 67      | 43      | 62      | 27.50  | cps   |
| Yttrium    | 89-1  | 5834009 | 5751712 | 5762758 | 5782826 | 0.77   | cps   |
| Yttrium    | 89-2  | 246872  | 243814  | 245611  | 245432  | 0.63   | cps   |
| Zinc       | 66-2  | 12639   | 12856   | 12916   | 12804   | 1.14   | cps   |
| Zirconium  | 90-1  | 658     | 733     | 733     | 708     | 6.11   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-27             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-27-FL1-HA-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:10:51  | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 217  | 117  | 186     | 32.39  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-28 Instrumnet Name : P8  
 Client Sample ID : DC20894-28-FL1-HA-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:13:59 DataFile Name : 080SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 508     | 567     | 683     | 586     | 15.20  | cps   |
| Antimony   | 121-1 | 692     | 625     | 575     | 631     | 9.28   | cps   |
| Arsenic    | 75-2  | 30      | 61      | 48      | 46      | 34.17  | cps   |
| Barium     | 135-1 | 37429   | 37053   | 36267   | 36916   | 1.61   | cps   |
| Barium     | 137-1 | 65228   | 65672   | 64767   | 65223   | 0.69   | cps   |
| Beryllium  | 9-1   | 94      | 33      | 56      | 61      | 50.62  | cps   |
| Bismuth    | 209-1 | 2823549 | 2757014 | 2775183 | 2785249 | 1.23   | cps   |
| Bismuth    | 209-2 | 1232029 | 1208420 | 144862  | 861771  | 72.06  | cps   |
| Boron      | 10-1  | 1175    | 1492    | 1350    | 1339    | 11.85  | cps   |
| Boron      | 11-1  | 6102    | 6202    | 6168    | 6157    | 0.83   | cps   |
| Cadmium    | 111-1 | 900     | 893     | 881     | 891     | 1.12   | cps   |
| Cadmium    | 106-1 | 1267    | 1225    | 1250    | 1247    | 1.68   | cps   |
| Cadmium    | 108-1 | 17      | 8       | 4       | 10      | 65.47  | cps   |
| Calcium    | 43-1  | 152302  | 151248  | 150077  | 151209  | 0.74   | cps   |
| Calcium    | 44-1  | 2582613 | 2585041 | 2536223 | 2567959 | 1.07   | cps   |
| Chromium   | 52-2  | 1007    | 967     | 1020    | 998     | 2.78   | cps   |
| Cobalt     | 59-2  | 190     | 183     | 187     | 187     | 1.78   | cps   |
| Copper     | 63-2  | 224694  | 225716  | 241482  | 230630  | 4.08   | cps   |
| Dysprosium | 156-1 | 50      | 33      | 42      | 42      | 20.00  | cps   |
| Dysprosium | 156-2 | 13      | 17      | 30      | 20      | 44.10  | cps   |
| Erbium     | 164-1 | 83      | 42      | 42      | 56      | 43.30  | cps   |
| Erbium     | 164-2 | 20      | 10      | 17      | 16      | 32.73  | cps   |
| Gadolinium | 160-1 | 117     | 75      | 117     | 103     | 23.41  | cps   |
| Gadolinium | 160-2 | 27      | 23      | 10      | 20      | 44.10  | cps   |
| Holmium    | 165-1 | 4979512 | 4917536 | 5024238 | 4973762 | 1.08   | cps   |
| Holmium    | 165-2 | 1705580 | 1664060 | 191535  | 1187058 | 72.65  | cps   |
| Indium     | 115-1 | 5134306 | 5045033 | 5127962 | 5102434 | 0.98   | cps   |
| Indium     | 115-2 | 334538  | 329471  | 40419   | 234809  | 71.70  | cps   |
| Iron       | 56-2  | 25214   | 22486   | 24712   | 24137   | 6.02   | cps   |
| Iron       | 57-2  | 617     | 717     | 622     | 652     | 8.63   | cps   |
| Lead       | 206-1 | 2717    | 2589    | 2723    | 2676    | 2.82   | cps   |
| Lead       | 207-1 | 2223    | 2139    | 2056    | 2139    | 3.90   | cps   |
| Lead       | 208-1 | 10191   | 10107   | 9969    | 10089   | 1.11   | cps   |
| Lithium    | 6-1   | 924942  | 948744  | 924535  | 932740  | 1.49   | cps   |
| Magnesium  | 24-2  | 54413   | 55250   | 57299   | 55654   | 2.67   | cps   |
| Manganese  | 55-2  | 4567    | 4638    | 4781    | 4662    | 2.33   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-28             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-28-FL1-HA-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:13:59  | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 425     | 283     | 383     | 364     | 20.01   | cps   |
| Molybdenum | 95-1  | 92      | 200     | 167     | 153     | 36.32   | cps   |
| Molybdenum | 96-1  | 292     | 300     | 225     | 272     | 15.10   | cps   |
| Molybdenum | 97-1  | 158     | 158     | 175     | 164     | 5.87    | cps   |
| Molybdenum | 98-1  | 292     | 192     | 308     | 264     | 23.91   | cps   |
| Neodymium  | 150-1 | 33      | 33      | 20      | 29      | 26.64   | cps   |
| Neodymium  | 150-2 | 7       | 30      | 7       | 14      | 93.24   | cps   |
| Nickel     | 60-2  | 523     | 480     | 497     | 500     | 4.37    | cps   |
| Phosphorus | 31-2  | 442     | 400     | 425     | 422     | 4.97    | cps   |
| Potassium  | 39-2  | 20841   | 20649   | 21409   | 20966   | 1.88    | cps   |
| Rhodium    | 103-1 | 5012171 | 4964603 | 4943555 | 4973443 | 0.71    | cps   |
| Rhodium    | 103-2 | 1782905 | 1714854 | 201421  | 1233060 | 72.51   | cps   |
| Scandium   | 45-1  | 3726777 | 3680827 | 3654388 | 3687331 | 0.99    | cps   |
| Scandium   | 45-2  | 38313   | 36989   | 6146    | 27149   | 67.04   | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60   | cps   |
| Selenium   | 78-2  | 0       | 6       | 4       | 3       | 91.69   | cps   |
| Selenium   | 82-1  | -133    | -90     | 74      | -50     | -219.26 | cps   |
| Silicon    | 28-1  | 5346782 | 5274989 | 5313218 | 5311663 | 0.68    | cps   |
| Silver     | 109-1 | 158     | 150     | 83      | 131     | 31.49   | cps   |
| Silver     | 107-1 | 125     | 158     | 100     | 128     | 22.90   | cps   |
| Sodium     | 23-2  | 1240163 | 1228611 | 1302180 | 1256985 | 3.15    | cps   |
| Strontium  | 86-1  | 59731   | 57204   | 58937   | 58624   | 2.20    | cps   |
| Strontium  | 88-1  | 497186  | 492718  | 496670  | 495525  | 0.49    | cps   |
| Sulfur     | 34-1  | 514101  | 518688  | 516974  | 516588  | 0.45    | cps   |
| Terbium    | 159-1 | 5371130 | 5309786 | 5305006 | 5328641 | 0.69    | cps   |
| Terbium    | 159-2 | 1708970 | 1636541 | 190795  | 1178768 | 72.65   | cps   |
| Thallium   | 203-1 | 108     | 100     | 100     | 103     | 4.68    | cps   |
| Thallium   | 205-1 | 325     | 242     | 392     | 319     | 23.53   | cps   |
| Tin        | 118-1 | 808     | 875     | 683     | 789     | 12.34   | cps   |
| Titanium   | 47-1  | 858     | 733     | 775     | 789     | 8.07    | cps   |
| Uranium    | 238-1 | 350     | 133     | 217     | 233     | 46.84   | cps   |
| Vanadium   | 51-2  | 110     | 97      | 63      | 90      | 26.71   | cps   |
| Yttrium    | 89-1  | 5851056 | 5787525 | 5880828 | 5839803 | 0.82    | cps   |
| Yttrium    | 89-2  | 252718  | 246693  | 30280   | 176563  | 71.77   | cps   |
| Zinc       | 66-2  | 6912    | 6695    | 7019    | 6875    | 2.40    | cps   |
| Zirconium  | 90-1  | 917     | 608     | 783     | 770     | 20.10   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-28             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-28-FL1-HA-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:13:59  | DataFile Name :   | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 183  | 117  | 153     | 22.04  | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-29 Instrumnet Name : P8  
 Client Sample ID : DC20894-29-FL1-OF-W4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:17:09 DataFile Name : 081SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 392     | 350     | 358     | 367     | 6.01   | cps   |
| Antimony   | 121-1 | 650     | 475     | 608     | 578     | 15.82  | cps   |
| Arsenic    | 75-2  | 39      | 56      | 46      | 47      | 17.80  | cps   |
| Barium     | 135-1 | 31505   | 29810   | 29960   | 30425   | 3.08   | cps   |
| Barium     | 137-1 | 51978   | 52230   | 50614   | 51607   | 1.68   | cps   |
| Beryllium  | 9-1   | 133     | 111     | 106     | 117     | 12.60  | cps   |
| Bismuth    | 209-1 | 2800116 | 2811485 | 2817017 | 2809539 | 0.31   | cps   |
| Bismuth    | 209-2 | 1209046 | 1113731 | 1188683 | 1170487 | 4.29   | cps   |
| Boron      | 10-1  | 1342    | 1325    | 1283    | 1317    | 2.28   | cps   |
| Boron      | 11-1  | 5468    | 5476    | 6127    | 5690    | 6.64   | cps   |
| Cadmium    | 111-1 | 1036    | 1188    | 1131    | 1118    | 6.85   | cps   |
| Cadmium    | 106-1 | 1283    | 1458    | 1483    | 1408    | 7.74   | cps   |
| Cadmium    | 108-1 | 29      | 29      | 29      | 29      | 0.00   | cps   |
| Calcium    | 43-1  | 146558  | 146308  | 148949  | 147272  | 0.99   | cps   |
| Calcium    | 44-1  | 2486736 | 2475192 | 2485615 | 2482514 | 0.26   | cps   |
| Chromium   | 52-2  | 1063    | 943     | 1000    | 1002    | 5.99   | cps   |
| Cobalt     | 59-2  | 207     | 203     | 183     | 198     | 6.38   | cps   |
| Copper     | 63-2  | 758205  | 761644  | 757680  | 759177  | 0.28   | cps   |
| Dysprosium | 156-1 | 33      | 67      | 50      | 50      | 33.34  | cps   |
| Dysprosium | 156-2 | 13      | 7       | 7       | 9       | 43.25  | cps   |
| Erbium     | 164-1 | 33      | 75      | 58      | 56      | 37.75  | cps   |
| Erbium     | 164-2 | 10      | 10      | 7       | 9       | 21.63  | cps   |
| Gadolinium | 160-1 | 100     | 75      | 67      | 81      | 21.53  | cps   |
| Gadolinium | 160-2 | 13      | 23      | 13      | 17      | 34.65  | cps   |
| Holmium    | 165-1 | 5048046 | 5002323 | 4960665 | 5003678 | 0.87   | cps   |
| Holmium    | 165-2 | 1720094 | 1503753 | 1650397 | 1624748 | 6.80   | cps   |
| Indium     | 115-1 | 5167469 | 5112015 | 5101721 | 5127068 | 0.69   | cps   |
| Indium     | 115-2 | 332663  | 309741  | 326211  | 322872  | 3.66   | cps   |
| Iron       | 56-2  | 18104   | 17112   | 17535   | 17583   | 2.83   | cps   |
| Iron       | 57-2  | 483     | 461     | 489     | 478     | 3.08   | cps   |
| Lead       | 206-1 | 6246    | 5924    | 6124    | 6098    | 2.67   | cps   |
| Lead       | 207-1 | 5474    | 5296    | 4846    | 5205    | 6.22   | cps   |
| Lead       | 208-1 | 24376   | 24210   | 23432   | 24006   | 2.10   | cps   |
| Lithium    | 6-1   | 926180  | 936349  | 927362  | 929963  | 0.60   | cps   |
| Magnesium  | 24-2  | 53953   | 54146   | 54154   | 54084   | 0.21   | cps   |
| Manganese  | 55-2  | 3530    | 3834    | 3744    | 3703    | 4.21   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-29             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-29-FL1-OF-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:17:09  | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 375     | 317     | 325     | 339     | 9.31   | cps   |
| Molybdenum | 95-1  | 167     | 183     | 233     | 194     | 17.84  | cps   |
| Molybdenum | 96-1  | 267     | 275     | 292     | 278     | 4.58   | cps   |
| Molybdenum | 97-1  | 267     | 225     | 233     | 242     | 9.12   | cps   |
| Molybdenum | 98-1  | 383     | 350     | 433     | 389     | 10.79  | cps   |
| Neodymium  | 150-1 | 40      | 27      | 13      | 27      | 50.01  | cps   |
| Neodymium  | 150-2 | 3       | 7       | 7       | 6       | 34.70  | cps   |
| Nickel     | 60-2  | 3831    | 3561    | 3724    | 3705    | 3.67   | cps   |
| Phosphorus | 31-2  | 392     | 483     | 492     | 456     | 12.18  | cps   |
| Potassium  | 39-2  | 20224   | 21609   | 20215   | 20683   | 3.88   | cps   |
| Rhodium    | 103-1 | 5005646 | 4993817 | 4974685 | 4991383 | 0.31   | cps   |
| Rhodium    | 103-2 | 1719819 | 1614174 | 1734589 | 1689527 | 3.89   | cps   |
| Scandium   | 45-1  | 3697998 | 3741031 | 3732688 | 3723906 | 0.61   | cps   |
| Scandium   | 45-2  | 37473   | 34954   | 37069   | 36499   | 3.71   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 4       | 2       | 3       | 34.64  | cps   |
| Selenium   | 82-1  | -58     | -28     | -8      | -31     | -79.93 | cps   |
| Silicon    | 28-1  | 5605853 | 5922251 | 5594806 | 5707637 | 3.26   | cps   |
| Silver     | 109-1 | 175     | 142     | 167     | 161     | 10.77  | cps   |
| Silver     | 107-1 | 217     | 242     | 200     | 219     | 9.56   | cps   |
| Sodium     | 23-2  | 1209288 | 1199048 | 1195975 | 1201437 | 0.58   | cps   |
| Strontium  | 86-1  | 56585   | 55364   | 55422   | 55790   | 1.23   | cps   |
| Strontium  | 88-1  | 467851  | 461783  | 462972  | 464202  | 0.69   | cps   |
| Sulfur     | 34-1  | 515959  | 512352  | 512244  | 513518  | 0.41   | cps   |
| Terbium    | 159-1 | 5369216 | 5310513 | 5340419 | 5340049 | 0.55   | cps   |
| Terbium    | 159-2 | 1652508 | 1555019 | 1617326 | 1608284 | 3.07   | cps   |
| Thallium   | 203-1 | 258     | 300     | 192     | 250     | 21.86  | cps   |
| Thallium   | 205-1 | 517     | 475     | 367     | 453     | 17.10  | cps   |
| Tin        | 118-1 | 658     | 658     | 758     | 692     | 8.35   | cps   |
| Titanium   | 47-1  | 525     | 617     | 517     | 553     | 10.04  | cps   |
| Uranium    | 238-1 | 642     | 550     | 467     | 553     | 15.84  | cps   |
| Vanadium   | 51-2  | 83      | 87      | 53      | 74      | 24.67  | cps   |
| Yttrium    | 89-1  | 5891450 | 5823318 | 5822054 | 5845607 | 0.68   | cps   |
| Yttrium    | 89-2  | 247969  | 230675  | 246375  | 241673  | 3.95   | cps   |
| Zinc       | 66-2  | 156393  | 154846  | 156100  | 155780  | 0.53   | cps   |
| Zirconium  | 90-1  | 683     | 658     | 758     | 700     | 7.43   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-29             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-29-FL1-OF-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:17:09  | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 100  | 142  | 125     | 17.63  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-30 Instrumnet Name : P8  
 Client Sample ID : DC20894-30-FL1-OF-W4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:20:16 DataFile Name : 082SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 10079   | 10621   | 9912    | 10204   | 3.63   | cps   |
| Antimony   | 121-1 | 700     | 692     | 608     | 667     | 7.60   | cps   |
| Arsenic    | 75-2  | 46      | 80      | 43      | 56      | 36.31  | cps   |
| Barium     | 135-1 | 45972   | 44785   | 44585   | 45114   | 1.66   | cps   |
| Barium     | 137-1 | 80043   | 78612   | 79900   | 79518   | 0.99   | cps   |
| Beryllium  | 9-1   | 78      | 117     | 67      | 87      | 30.16  | cps   |
| Bismuth    | 209-1 | 2815506 | 2757270 | 2629879 | 2734219 | 3.47   | cps   |
| Bismuth    | 209-2 | 1198316 | 1205627 | 1202923 | 1202289 | 0.31   | cps   |
| Boron      | 10-1  | 1208    | 1392    | 1333    | 1311    | 7.14   | cps   |
| Boron      | 11-1  | 6293    | 6535    | 6627    | 6485    | 2.66   | cps   |
| Cadmium    | 111-1 | 868     | 886     | 938     | 897     | 4.02   | cps   |
| Cadmium    | 106-1 | 1192    | 1250    | 1258    | 1233    | 2.95   | cps   |
| Cadmium    | 108-1 | 17      | 21      | 8       | 15      | 41.67  | cps   |
| Calcium    | 43-1  | 152890  | 151637  | 153221  | 152583  | 0.55   | cps   |
| Calcium    | 44-1  | 2581009 | 2562784 | 2613783 | 2585858 | 1.00   | cps   |
| Chromium   | 52-2  | 1103    | 1017    | 1000    | 1040    | 5.33   | cps   |
| Cobalt     | 59-2  | 350     | 393     | 377     | 373     | 5.86   | cps   |
| Copper     | 63-2  | 932213  | 924734  | 928280  | 928409  | 0.40   | cps   |
| Dysprosium | 156-1 | 133     | 150     | 192     | 158     | 18.98  | cps   |
| Dysprosium | 156-2 | 83      | 60      | 63      | 69      | 18.32  | cps   |
| Erbium     | 164-1 | 208     | 233     | 150     | 197     | 21.68  | cps   |
| Erbium     | 164-2 | 67      | 60      | 63      | 63      | 5.27   | cps   |
| Gadolinium | 160-1 | 250     | 242     | 217     | 236     | 7.35   | cps   |
| Gadolinium | 160-2 | 73      | 83      | 97      | 84      | 13.87  | cps   |
| Holmium    | 165-1 | 5090439 | 4955784 | 4645259 | 4897161 | 4.66   | cps   |
| Holmium    | 165-2 | 1706082 | 1712770 | 1669494 | 1696115 | 1.37   | cps   |
| Indium     | 115-1 | 5131101 | 5101993 | 4822795 | 5018630 | 3.39   | cps   |
| Indium     | 115-2 | 329964  | 332099  | 332514  | 331525  | 0.41   | cps   |
| Iron       | 56-2  | 86994   | 84988   | 87547   | 86510   | 1.56   | cps   |
| Iron       | 57-2  | 2451    | 2334    | 2111    | 2299    | 7.50   | cps   |
| Lead       | 206-1 | 13658   | 13669   | 13502   | 13610   | 0.69   | cps   |
| Lead       | 207-1 | 11283   | 11845   | 11633   | 11587   | 2.45   | cps   |
| Lead       | 208-1 | 53585   | 53145   | 53674   | 53468   | 0.53   | cps   |
| Lithium    | 6-1   | 945454  | 934534  | 877041  | 919010  | 4.00   | cps   |
| Magnesium  | 24-2  | 56471   | 54623   | 54798   | 55297   | 1.84   | cps   |
| Manganese  | 55-2  | 12339   | 12236   | 12045   | 12207   | 1.22   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-30             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-30-FL1-OF-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:20:16  | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 733     | 650     | 783     | 722     | 9.33    | cps   |
| Molybdenum | 95-1  | 217     | 108     | 150     | 158     | 34.51   | cps   |
| Molybdenum | 96-1  | 308     | 300     | 358     | 322     | 9.79    | cps   |
| Molybdenum | 97-1  | 150     | 83      | 233     | 156     | 48.31   | cps   |
| Molybdenum | 98-1  | 292     | 342     | 333     | 322     | 8.31    | cps   |
| Neodymium  | 150-1 | 160     | 120     | 160     | 147     | 15.74   | cps   |
| Neodymium  | 150-2 | 10      | 47      | 20      | 26      | 74.17   | cps   |
| Nickel     | 60-2  | 520     | 580     | 627     | 576     | 9.29    | cps   |
| Phosphorus | 31-2  | 658     | 583     | 717     | 653     | 10.24   | cps   |
| Potassium  | 39-2  | 19773   | 20182   | 20566   | 20174   | 1.97    | cps   |
| Rhodium    | 103-1 | 5094614 | 4968192 | 4741835 | 4934880 | 3.62    | cps   |
| Rhodium    | 103-2 | 1748347 | 1721203 | 1718369 | 1729306 | 0.96    | cps   |
| Scandium   | 45-1  | 3752284 | 3728567 | 3497728 | 3659526 | 3.84    | cps   |
| Scandium   | 45-2  | 37564   | 37233   | 37630   | 37476   | 0.57    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 0       | 7       | 0       | 2       | 173.21  | cps   |
| Selenium   | 82-1  | -48     | 11      | -45     | -27     | -122.54 | cps   |
| Silicon    | 28-1  | 5645860 | 5496478 | 5531392 | 5557910 | 1.41    | cps   |
| Silver     | 109-1 | 267     | 258     | 208     | 244     | 12.91   | cps   |
| Silver     | 107-1 | 225     | 242     | 350     | 272     | 24.93   | cps   |
| Sodium     | 23-2  | 1207067 | 1231627 | 1230578 | 1223091 | 1.14    | cps   |
| Strontium  | 86-1  | 58543   | 58810   | 58016   | 58457   | 0.69    | cps   |
| Strontium  | 88-1  | 496379  | 493608  | 500602  | 496863  | 0.71    | cps   |
| Sulfur     | 34-1  | 515173  | 515941  | 505112  | 512076  | 1.18    | cps   |
| Terbium    | 159-1 | 5389620 | 5258973 | 5094481 | 5247691 | 2.82    | cps   |
| Terbium    | 159-2 | 1704242 | 1703780 | 1642649 | 1683557 | 2.10    | cps   |
| Thallium   | 203-1 | 117     | 50      | 117     | 94      | 40.76   | cps   |
| Thallium   | 205-1 | 283     | 275     | 292     | 283     | 2.94    | cps   |
| Tin        | 118-1 | 6894    | 6644    | 6877    | 6805    | 2.06    | cps   |
| Titanium   | 47-1  | 1175    | 1434    | 1743    | 1451    | 19.61   | cps   |
| Uranium    | 238-1 | 1700    | 1450    | 1400    | 1517    | 10.60   | cps   |
| Vanadium   | 51-2  | 117     | 97      | 153     | 122     | 23.51   | cps   |
| Yttrium    | 89-1  | 5842755 | 5822301 | 5524445 | 5729834 | 3.11    | cps   |
| Yttrium    | 89-2  | 250617  | 249794  | 248214  | 249542  | 0.49    | cps   |
| Zinc       | 66-2  | 25828   | 25661   | 25991   | 25827   | 0.64    | cps   |
| Zirconium  | 90-1  | 1575    | 1458    | 1659    | 1564    | 6.42    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-30             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-30-FL1-OF-W4 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:20:16  | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 383  | 342  | 392  | 372     | 7.20   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-31              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-31-FL1-BRA3-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:23:25   | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 308     | 275     | 358     | 314     | 13.36  | cps   |
| Antimony   | 121-1 | 533     | 692     | 533     | 586     | 15.60  | cps   |
| Arsenic    | 75-2  | 35      | 41      | 54      | 43      | 21.98  | cps   |
| Barium     | 135-1 | 34605   | 33962   | 33652   | 34073   | 1.43   | cps   |
| Barium     | 137-1 | 61544   | 59117   | 59736   | 60132   | 2.10   | cps   |
| Beryllium  | 9-1   | 39      | 67      | 67      | 57      | 27.94  | cps   |
| Bismuth    | 209-1 | 2714136 | 2691296 | 2752469 | 2719300 | 1.14   | cps   |
| Bismuth    | 209-2 | 1204225 | 1192978 | 1194143 | 1197116 | 0.52   | cps   |
| Boron      | 10-1  | 1375    | 1358    | 1208    | 1314    | 6.99   | cps   |
| Boron      | 11-1  | 5651    | 6035    | 6502    | 6063    | 7.02   | cps   |
| Cadmium    | 111-1 | 982     | 865     | 776     | 874     | 11.81  | cps   |
| Cadmium    | 106-1 | 1392    | 1242    | 1100    | 1245    | 11.72  | cps   |
| Cadmium    | 108-1 | 25      | 42      | 33      | 33      | 25.01  | cps   |
| Calcium    | 43-1  | 148604  | 152546  | 149278  | 150143  | 1.40   | cps   |
| Calcium    | 44-1  | 2556010 | 2597969 | 2570407 | 2574795 | 0.83   | cps   |
| Chromium   | 52-2  | 993     | 1003    | 1020    | 1006    | 1.34   | cps   |
| Cobalt     | 59-2  | 167     | 170     | 160     | 166     | 3.08   | cps   |
| Copper     | 63-2  | 194078  | 191953  | 192692  | 192908  | 0.56   | cps   |
| Dysprosium | 156-1 | 33      | 33      | 33      | 33      | 0.02   | cps   |
| Dysprosium | 156-2 | 10      | 10      | 13      | 11      | 17.30  | cps   |
| Erbium     | 164-1 | 25      | 75      | 92      | 64      | 54.31  | cps   |
| Erbium     | 164-2 | 13      | 10      | 17      | 13      | 25.01  | cps   |
| Gadolinium | 160-1 | 133     | 150     | 58      | 114     | 42.87  | cps   |
| Gadolinium | 160-2 | 20      | 23      | 30      | 24      | 20.83  | cps   |
| Holmium    | 165-1 | 4985209 | 4814639 | 4918714 | 4906187 | 1.75   | cps   |
| Holmium    | 165-2 | 1711669 | 1604913 | 1673027 | 1663203 | 3.25   | cps   |
| Indium     | 115-1 | 5050242 | 4911482 | 5063867 | 5008530 | 1.68   | cps   |
| Indium     | 115-2 | 326128  | 326617  | 330535  | 327760  | 0.74   | cps   |
| Iron       | 56-2  | 26450   | 22548   | 23336   | 24111   | 8.56   | cps   |
| Iron       | 57-2  | 606     | 467     | 744     | 606     | 22.94  | cps   |
| Lead       | 206-1 | 2850    | 2984    | 2917    | 2917    | 2.29   | cps   |
| Lead       | 207-1 | 2873    | 2473    | 2350    | 2565    | 10.65  | cps   |
| Lead       | 208-1 | 11363   | 11102   | 11136   | 11200   | 1.27   | cps   |
| Lithium    | 6-1   | 914897  | 891690  | 918435  | 908341  | 1.60   | cps   |
| Magnesium  | 24-2  | 59609   | 59475   | 59325   | 59470   | 0.24   | cps   |
| Manganese  | 55-2  | 5071    | 5098    | 4924    | 5031    | 1.86   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-31              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-31-FL1-BRA3-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:23:25   | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 400     | 392     | 392     | 394     | 1.22   | cps   |
| Molybdenum | 95-1  | 242     | 125     | 158     | 175     | 34.34  | cps   |
| Molybdenum | 96-1  | 242     | 200     | 225     | 222     | 9.44   | cps   |
| Molybdenum | 97-1  | 158     | 108     | 192     | 153     | 27.45  | cps   |
| Molybdenum | 98-1  | 225     | 167     | 208     | 200     | 15.02  | cps   |
| Neodymium  | 150-1 | 47      | 40      | 53      | 47      | 14.29  | cps   |
| Neodymium  | 150-2 | 7       | 13      | 20      | 13      | 49.99  | cps   |
| Nickel     | 60-2  | 1030    | 1087    | 1040    | 1052    | 2.87   | cps   |
| Phosphorus | 31-2  | 525     | 433     | 525     | 494     | 10.70  | cps   |
| Potassium  | 39-2  | 20499   | 20816   | 20382   | 20566   | 1.09   | cps   |
| Rhodium    | 103-1 | 4937788 | 4798580 | 5019253 | 4918540 | 2.27   | cps   |
| Rhodium    | 103-2 | 1729901 | 1715809 | 1720308 | 1722006 | 0.42   | cps   |
| Scandium   | 45-1  | 3633079 | 3564572 | 3649444 | 3615698 | 1.25   | cps   |
| Scandium   | 45-2  | 37236   | 37644   | 38212   | 37697   | 1.30   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 4       | 4       | 4       | 0.00   | cps   |
| Selenium   | 82-1  | -1      | -28     | 50      | 7       | 542.82 | cps   |
| Silicon    | 28-1  | 5225786 | 5273126 | 5192936 | 5230616 | 0.77   | cps   |
| Silver     | 109-1 | 100     | 50      | 83      | 78      | 32.73  | cps   |
| Silver     | 107-1 | 100     | 67      | 50      | 72      | 35.26  | cps   |
| Sodium     | 23-2  | 1223826 | 1202613 | 1233444 | 1219961 | 1.29   | cps   |
| Strontium  | 86-1  | 57355   | 57262   | 56887   | 57168   | 0.43   | cps   |
| Strontium  | 88-1  | 488734  | 482352  | 477059  | 482715  | 1.21   | cps   |
| Sulfur     | 34-1  | 511201  | 514611  | 515223  | 513678  | 0.42   | cps   |
| Terbium    | 159-1 | 5303876 | 5123670 | 5327850 | 5251799 | 2.13   | cps   |
| Terbium    | 159-2 | 1695333 | 1671107 | 1677673 | 1681371 | 0.75   | cps   |
| Thallium   | 203-1 | 150     | 142     | 142     | 144     | 3.33   | cps   |
| Thallium   | 205-1 | 267     | 225     | 325     | 272     | 18.45  | cps   |
| Tin        | 118-1 | 800     | 1092    | 925     | 939     | 15.60  | cps   |
| Titanium   | 47-1  | 600     | 617     | 508     | 575     | 10.14  | cps   |
| Uranium    | 238-1 | 242     | 142     | 283     | 222     | 32.76  | cps   |
| Vanadium   | 51-2  | 63      | 100     | 40      | 68      | 44.62  | cps   |
| Yttrium    | 89-1  | 5752748 | 5542430 | 5802411 | 5699196 | 2.42   | cps   |
| Yttrium    | 89-2  | 246104  | 245513  | 248795  | 246804  | 0.71   | cps   |
| Zinc       | 66-2  | 123749  | 123039  | 122858  | 123216  | 0.38   | cps   |
| Zirconium  | 90-1  | 758     | 692     | 742     | 731     | 4.75   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-31              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-31-FL1-BRA3-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:23:25   | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 383  | 117  | 167  | 222     | 63.81  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-32              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-32-FL1-BRA3-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:26:32   | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 767     | 625     | 633     | 675     | 11.78  | cps   |
| Antimony   | 121-1 | 725     | 717     | 667     | 703     | 4.49   | cps   |
| Arsenic    | 75-2  | 46      | 54      | 52      | 51      | 7.61   | cps   |
| Barium     | 135-1 | 38206   | 36978   | 37947   | 37710   | 1.72   | cps   |
| Barium     | 137-1 | 65498   | 63838   | 63134   | 64157   | 1.89   | cps   |
| Beryllium  | 9-1   | 72      | 56      | 28      | 52      | 43.30  | cps   |
| Bismuth    | 209-1 | 2794693 | 2723381 | 2637849 | 2718641 | 2.89   | cps   |
| Bismuth    | 209-2 | 1189300 | 1195256 | 1186657 | 1190404 | 0.37   | cps   |
| Boron      | 10-1  | 1158    | 1342    | 1467    | 1322    | 11.73  | cps   |
| Boron      | 11-1  | 6293    | 6360    | 6168    | 6274    | 1.55   | cps   |
| Cadmium    | 111-1 | 938     | 1095    | 853     | 962     | 12.77  | cps   |
| Cadmium    | 106-1 | 1317    | 1550    | 1242    | 1370    | 11.74  | cps   |
| Cadmium    | 108-1 | 13      | 4       | 42      | 19      | 101.26 | cps   |
| Calcium    | 43-1  | 150922  | 148798  | 149674  | 149798  | 0.71   | cps   |
| Calcium    | 44-1  | 2568293 | 2540128 | 2546172 | 2551531 | 0.58   | cps   |
| Chromium   | 52-2  | 1150    | 987     | 987     | 1041    | 9.06   | cps   |
| Cobalt     | 59-2  | 170     | 197     | 173     | 180     | 8.07   | cps   |
| Copper     | 63-2  | 191672  | 191510  | 191320  | 191501  | 0.09   | cps   |
| Dysprosium | 156-1 | 75      | 17      | 75      | 56      | 60.62  | cps   |
| Dysprosium | 156-2 | 23      | 50      | 10      | 28      | 73.33  | cps   |
| Erbium     | 164-1 | 83      | 108     | 50      | 81      | 36.33  | cps   |
| Erbium     | 164-2 | 10      | 20      | 3       | 11      | 75.52  | cps   |
| Gadolinium | 160-1 | 50      | 92      | 108     | 83      | 36.06  | cps   |
| Gadolinium | 160-2 | 20      | 30      | 23      | 24      | 20.83  | cps   |
| Holmium    | 165-1 | 4998483 | 4961153 | 4709885 | 4889840 | 3.21   | cps   |
| Holmium    | 165-2 | 1644330 | 1673761 | 1675416 | 1664502 | 1.05   | cps   |
| Indium     | 115-1 | 5146084 | 5193444 | 4878485 | 5072671 | 3.35   | cps   |
| Indium     | 115-2 | 323365  | 329112  | 326816  | 326431  | 0.89   | cps   |
| Iron       | 56-2  | 23572   | 23871   | 23871   | 23771   | 0.73   | cps   |
| Iron       | 57-2  | 683     | 667     | 594     | 648     | 7.29   | cps   |
| Lead       | 206-1 | 2384    | 2578    | 2273    | 2411    | 6.42   | cps   |
| Lead       | 207-1 | 1867    | 2089    | 2022    | 1993    | 5.72   | cps   |
| Lead       | 208-1 | 9274    | 9846    | 9446    | 9522    | 3.08   | cps   |
| Lithium    | 6-1   | 945137  | 918205  | 888670  | 917337  | 3.08   | cps   |
| Magnesium  | 24-2  | 54129   | 55166   | 55082   | 54792   | 1.05   | cps   |
| Manganese  | 55-2  | 4274    | 4491    | 4594    | 4453    | 3.67   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-32              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-32-FL1-BRA3-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:26:32   | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 417     | 333     | 308     | 353     | 16.08  | cps   |
| Molybdenum | 95-1  | 175     | 142     | 208     | 175     | 19.05  | cps   |
| Molybdenum | 96-1  | 292     | 258     | 308     | 286     | 8.90   | cps   |
| Molybdenum | 97-1  | 208     | 183     | 167     | 186     | 11.27  | cps   |
| Molybdenum | 98-1  | 325     | 250     | 242     | 272     | 16.86  | cps   |
| Neodymium  | 150-1 | 47      | 87      | 47      | 60      | 38.49  | cps   |
| Neodymium  | 150-2 | 7       | 7       | 17      | 10      | 57.72  | cps   |
| Nickel     | 60-2  | 443     | 430     | 413     | 429     | 3.50   | cps   |
| Phosphorus | 31-2  | 417     | 475     | 533     | 475     | 12.28  | cps   |
| Potassium  | 39-2  | 20532   | 20549   | 21309   | 20797   | 2.13   | cps   |
| Rhodium    | 103-1 | 5057907 | 5013686 | 4788329 | 4953307 | 2.92   | cps   |
| Rhodium    | 103-2 | 1706076 | 1713666 | 1716415 | 1712052 | 0.31   | cps   |
| Scandium   | 45-1  | 3710107 | 3711582 | 3533029 | 3651572 | 2.81   | cps   |
| Scandium   | 45-2  | 35969   | 37537   | 37838   | 37115   | 2.70   | cps   |
| Selenium   | 77-2  | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 7       | 6       | 2       | 5       | 57.32  | cps   |
| Selenium   | 82-1  | 1       | -31     | 80      | 17      | 341.33 | cps   |
| Silicon    | 28-1  | 5378810 | 5352820 | 5313327 | 5348319 | 0.62   | cps   |
| Silver     | 109-1 | 150     | 167     | 133     | 150     | 11.11  | cps   |
| Silver     | 107-1 | 125     | 175     | 167     | 156     | 17.22  | cps   |
| Sodium     | 23-2  | 1230959 | 1209808 | 1234296 | 1225021 | 1.08   | cps   |
| Strontium  | 86-1  | 57832   | 57481   | 57999   | 57770   | 0.46   | cps   |
| Strontium  | 88-1  | 493306  | 489380  | 492308  | 491665  | 0.42   | cps   |
| Sulfur     | 34-1  | 514055  | 509174  | 507330  | 510186  | 0.68   | cps   |
| Terbium    | 159-1 | 5416414 | 5330267 | 5084039 | 5276907 | 3.27   | cps   |
| Terbium    | 159-2 | 1582586 | 1664921 | 1646447 | 1631318 | 2.65   | cps   |
| Thallium   | 203-1 | 75      | 208     | 83      | 122     | 61.11  | cps   |
| Thallium   | 205-1 | 300     | 325     | 208     | 278     | 22.11  | cps   |
| Tin        | 118-1 | 1000    | 975     | 900     | 958     | 5.43   | cps   |
| Titanium   | 47-1  | 750     | 750     | 1302    | 934     | 34.13  | cps   |
| Uranium    | 238-1 | 183     | 283     | 217     | 228     | 22.35  | cps   |
| Vanadium   | 51-2  | 93      | 87      | 107     | 96      | 10.66  | cps   |
| Yttrium    | 89-1  | 5851658 | 5813654 | 5594946 | 5753419 | 2.41   | cps   |
| Yttrium    | 89-2  | 244918  | 244904  | 247451  | 245758  | 0.60   | cps   |
| Zinc       | 66-2  | 9774    | 9677    | 9927    | 9792    | 1.29   | cps   |
| Zirconium  | 90-1  | 675     | 733     | 725     | 711     | 4.44   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-32              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-32-FL1-BRA3-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:26:32   | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 125  | 175  | 161     | 19.58  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-33 Instrumnet Name : P8  
 Client Sample ID : DC20894-33-FL1-CL1-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:29:41 DataFile Name : 085SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 92      | 167     | 158     | 139     | 29.60  | cps   |
| Antimony   | 121-1 | 642     | 525     | 575     | 581     | 10.08  | cps   |
| Arsenic    | 75-2  | 48      | 52      | 50      | 50      | 3.70   | cps   |
| Barium     | 135-1 | 33811   | 34697   | 32775   | 33761   | 2.85   | cps   |
| Barium     | 137-1 | 60640   | 59770   | 58565   | 59658   | 1.75   | cps   |
| Beryllium  | 9-1   | 33      | 44      | 22      | 33      | 33.35  | cps   |
| Bismuth    | 209-1 | 2762912 | 2792816 | 2745426 | 2767051 | 0.87   | cps   |
| Bismuth    | 209-2 | 1198519 | 1200144 | 1201725 | 1200129 | 0.13   | cps   |
| Boron      | 10-1  | 1125    | 1058    | 1258    | 1147    | 8.88   | cps   |
| Boron      | 11-1  | 5610    | 5935    | 5926    | 5824    | 3.18   | cps   |
| Cadmium    | 111-1 | 868     | 1024    | 960     | 951     | 8.22   | cps   |
| Cadmium    | 106-1 | 1183    | 1433    | 1350    | 1322    | 9.63   | cps   |
| Cadmium    | 108-1 | 8       | 13      | 8       | 10      | 24.77  | cps   |
| Calcium    | 43-1  | 154477  | 153178  | 149977  | 152544  | 1.52   | cps   |
| Calcium    | 44-1  | 2638611 | 2609657 | 2607561 | 2618610 | 0.66   | cps   |
| Chromium   | 52-2  | 1067    | 1060    | 993     | 1040    | 3.90   | cps   |
| Cobalt     | 59-2  | 173     | 163     | 150     | 162     | 7.22   | cps   |
| Copper     | 63-2  | 300869  | 303470  | 304378  | 302906  | 0.60   | cps   |
| Dysprosium | 156-1 | 75      | 33      | 67      | 58      | 37.80  | cps   |
| Dysprosium | 156-2 | 13      | 10      | 13      | 12      | 15.73  | cps   |
| Erbium     | 164-1 | 67      | 108     | 100     | 92      | 24.05  | cps   |
| Erbium     | 164-2 | 23      | 17      | 17      | 19      | 20.36  | cps   |
| Gadolinium | 160-1 | 75      | 117     | 92      | 94      | 22.21  | cps   |
| Gadolinium | 160-2 | 30      | 17      | 27      | 24      | 28.38  | cps   |
| Holmium    | 165-1 | 4925283 | 4929247 | 4914908 | 4923146 | 0.15   | cps   |
| Holmium    | 165-2 | 1675202 | 1662533 | 1692065 | 1676600 | 0.88   | cps   |
| Indium     | 115-1 | 5139156 | 5161654 | 5071054 | 5123955 | 0.92   | cps   |
| Indium     | 115-2 | 333478  | 327951  | 329892  | 330441  | 0.85   | cps   |
| Iron       | 56-2  | 18302   | 18860   | 19339   | 18834   | 2.76   | cps   |
| Iron       | 57-2  | 411     | 567     | 450     | 476     | 17.01  | cps   |
| Lead       | 206-1 | 2795    | 3356    | 3556    | 3236    | 12.20  | cps   |
| Lead       | 207-1 | 2984    | 2661    | 2673    | 2773    | 6.60   | cps   |
| Lead       | 208-1 | 12586   | 13070   | 13437   | 13031   | 3.27   | cps   |
| Lithium    | 6-1   | 935996  | 921026  | 931267  | 929430  | 0.82   | cps   |
| Magnesium  | 24-2  | 57367   | 55836   | 56630   | 56611   | 1.35   | cps   |
| Manganese  | 55-2  | 4234    | 4257    | 4127    | 4206    | 1.65   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-33 Instrumnet Name : P8  
 Client Sample ID : DC20894-33-FL1-CL1-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:29:41 DataFile Name : 085SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 317     | 350     | 342     | 336     | 5.16   | cps   |
| Molybdenum | 95-1  | 158     | 175     | 192     | 175     | 9.53   | cps   |
| Molybdenum | 96-1  | 275     | 267     | 233     | 258     | 8.53   | cps   |
| Molybdenum | 97-1  | 183     | 158     | 92      | 144     | 32.81  | cps   |
| Molybdenum | 98-1  | 258     | 217     | 283     | 253     | 13.32  | cps   |
| Neodymium  | 150-1 | 80      | 53      | 53      | 62      | 24.74  | cps   |
| Neodymium  | 150-2 | 7       | 7       | 13      | 9       | 43.25  | cps   |
| Nickel     | 60-2  | 2097    | 2030    | 2150    | 2092    | 2.87   | cps   |
| Phosphorus | 31-2  | 575     | 633     | 467     | 558     | 15.15  | cps   |
| Potassium  | 39-2  | 20566   | 20533   | 19848   | 20315   | 1.99   | cps   |
| Rhodium    | 103-1 | 4984903 | 4996837 | 5038396 | 5006712 | 0.56   | cps   |
| Rhodium    | 103-2 | 1761137 | 1728691 | 1726710 | 1738846 | 1.11   | cps   |
| Scandium   | 45-1  | 3685126 | 3752072 | 3751605 | 3729601 | 1.03   | cps   |
| Scandium   | 45-2  | 37915   | 37493   | 37487   | 37632   | 0.65   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 2       | 2       | 2       | 43.30  | cps   |
| Selenium   | 82-1  | -29     | -115    | -106    | -84     | -56.38 | cps   |
| Silicon    | 28-1  | 5299442 | 5338052 | 5381641 | 5339712 | 0.77   | cps   |
| Silver     | 109-1 | 242     | 300     | 117     | 219     | 42.68  | cps   |
| Silver     | 107-1 | 150     | 292     | 175     | 206     | 36.79  | cps   |
| Sodium     | 23-2  | 1231245 | 1250638 | 1251139 | 1244340 | 0.91   | cps   |
| Strontium  | 86-1  | 59556   | 58276   | 56845   | 58225   | 2.33   | cps   |
| Strontium  | 88-1  | 496636  | 489212  | 480273  | 488707  | 1.68   | cps   |
| Sulfur     | 34-1  | 517846  | 513117  | 516586  | 515850  | 0.47   | cps   |
| Terbium    | 159-1 | 5293020 | 5331834 | 5234025 | 5286293 | 0.93   | cps   |
| Terbium    | 159-2 | 1690042 | 1677634 | 1654575 | 1674084 | 1.08   | cps   |
| Thallium   | 203-1 | 125     | 117     | 125     | 122     | 3.94   | cps   |
| Thallium   | 205-1 | 325     | 233     | 242     | 267     | 19.01  | cps   |
| Tin        | 118-1 | 625     | 492     | 483     | 533     | 14.91  | cps   |
| Titanium   | 47-1  | 892     | 758     | 708     | 786     | 12.06  | cps   |
| Uranium    | 238-1 | 300     | 208     | 192     | 233     | 25.00  | cps   |
| Vanadium   | 51-2  | 83      | 90      | 87      | 87      | 3.84   | cps   |
| Yttrium    | 89-1  | 5822765 | 5881490 | 5759717 | 5821324 | 1.05   | cps   |
| Yttrium    | 89-2  | 250439  | 249936  | 250075  | 250150  | 0.10   | cps   |
| Zinc       | 66-2  | 19801   | 19270   | 19531   | 19534   | 1.36   | cps   |
| Zirconium  | 90-1  | 692     | 775     | 767     | 745     | 6.17   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-33             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-33-FL1-CL1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:29:41  | DataFile Name :   | 085SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 167  | 150  | 167     | 10.00  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-34 Instrumnet Name : P8  
 Client Sample ID : DC20894-34-FL1-CL1-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:32:50 DataFile Name : 086SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 208     | 117     | 225     | 183     | 31.82  | cps   |
| Antimony   | 121-1 | 658     | 542     | 658     | 619     | 10.87  | cps   |
| Arsenic    | 75-2  | 54      | 44      | 41      | 46      | 14.42  | cps   |
| Barium     | 135-1 | 33493   | 33769   | 33293   | 33518   | 0.71   | cps   |
| Barium     | 137-1 | 59660   | 58907   | 57819   | 58796   | 1.57   | cps   |
| Beryllium  | 9-1   | 100     | 44      | 56      | 67      | 44.09  | cps   |
| Bismuth    | 209-1 | 2729233 | 2703518 | 2728238 | 2720330 | 0.54   | cps   |
| Bismuth    | 209-2 | 1190297 | 1187967 | 1197198 | 1191821 | 0.40   | cps   |
| Boron      | 10-1  | 1342    | 1108    | 1300    | 1250    | 9.96   | cps   |
| Boron      | 11-1  | 5718    | 6060    | 5551    | 5776    | 4.49   | cps   |
| Cadmium    | 111-1 | 1046    | 1006    | 843     | 965     | 11.11  | cps   |
| Cadmium    | 106-1 | 1459    | 1408    | 1150    | 1339    | 12.36  | cps   |
| Cadmium    | 108-1 | 13      | 13      | 17      | 14      | 17.33  | cps   |
| Calcium    | 43-1  | 152175  | 150658  | 149555  | 150796  | 0.87   | cps   |
| Calcium    | 44-1  | 2618689 | 2583156 | 2624164 | 2608670 | 0.85   | cps   |
| Chromium   | 52-2  | 1043    | 870     | 1083    | 999     | 11.35  | cps   |
| Cobalt     | 59-2  | 150     | 150     | 107     | 136     | 18.45  | cps   |
| Copper     | 63-2  | 383133  | 382255  | 384739  | 383376  | 0.33   | cps   |
| Dysprosium | 156-1 | 42      | 17      | 8       | 22      | 78.07  | cps   |
| Dysprosium | 156-2 | 20      | 20      | 13      | 18      | 21.66  | cps   |
| Erbium     | 164-1 | 67      | 33      | 58      | 53      | 32.88  | cps   |
| Erbium     | 164-2 | 23      | 13      | 13      | 17      | 34.65  | cps   |
| Gadolinium | 160-1 | 125     | 92      | 83      | 100     | 22.05  | cps   |
| Gadolinium | 160-2 | 13      | 7       | 30      | 17      | 72.11  | cps   |
| Holmium    | 165-1 | 4875267 | 4741485 | 4900411 | 4839054 | 1.77   | cps   |
| Holmium    | 165-2 | 1652650 | 1649045 | 1666772 | 1656155 | 0.57   | cps   |
| Indium     | 115-1 | 5072161 | 4985565 | 5073660 | 5043795 | 1.00   | cps   |
| Indium     | 115-2 | 326570  | 328279  | 330253  | 328367  | 0.56   | cps   |
| Iron       | 56-2  | 18962   | 32797   | 20255   | 24005   | 31.84  | cps   |
| Iron       | 57-2  | 450     | 483     | 472     | 469     | 3.62   | cps   |
| Lead       | 206-1 | 3062    | 3045    | 2906    | 3004    | 2.84   | cps   |
| Lead       | 207-1 | 2545    | 2473    | 2395    | 2471    | 3.04   | cps   |
| Lead       | 208-1 | 11536   | 11352   | 11430   | 11439   | 0.80   | cps   |
| Lithium    | 6-1   | 913181  | 900854  | 927389  | 913808  | 1.45   | cps   |
| Magnesium  | 24-2  | 55569   | 56706   | 57618   | 56631   | 1.81   | cps   |
| Manganese  | 55-2  | 3557    | 4108    | 3851    | 3838    | 7.17   | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-34 Instrumnet Name : P8  
 Client Sample ID : DC20894-34-FL1-CL1-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:32:50 DataFile Name : 086SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 358     | 317     | 267     | 314     | 14.62   | cps   |
| Molybdenum | 95-1  | 217     | 150     | 200     | 189     | 18.37   | cps   |
| Molybdenum | 96-1  | 283     | 208     | 217     | 236     | 17.41   | cps   |
| Molybdenum | 97-1  | 142     | 183     | 158     | 161     | 13.02   | cps   |
| Molybdenum | 98-1  | 350     | 250     | 350     | 317     | 18.23   | cps   |
| Neodymium  | 150-1 | 67      | 33      | 33      | 44      | 43.30   | cps   |
| Neodymium  | 150-2 | 3       | 7       | 3       | 4       | 43.40   | cps   |
| Nickel     | 60-2  | 1497    | 1417    | 1417    | 1443    | 3.20    | cps   |
| Phosphorus | 31-2  | 442     | 483     | 500     | 475     | 6.33    | cps   |
| Potassium  | 39-2  | 20315   | 20349   | 21284   | 20649   | 2.66    | cps   |
| Rhodium    | 103-1 | 5000342 | 4912026 | 4942566 | 4951645 | 0.91    | cps   |
| Rhodium    | 103-2 | 1707951 | 1717023 | 1738155 | 1721043 | 0.90    | cps   |
| Scandium   | 45-1  | 3727608 | 3650572 | 3747408 | 3708529 | 1.38    | cps   |
| Scandium   | 45-2  | 37199   | 37818   | 38951   | 37989   | 2.34    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 4       | 2       | 6       | 4       | 50.09   | cps   |
| Selenium   | 82-1  | 44      | -19     | -52     | -9      | -551.21 | cps   |
| Silicon    | 28-1  | 5381157 | 5280670 | 5230923 | 5297583 | 1.44    | cps   |
| Silver     | 109-1 | 267     | 92      | 158     | 172     | 51.28   | cps   |
| Silver     | 107-1 | 267     | 175     | 158     | 200     | 29.17   | cps   |
| Sodium     | 23-2  | 1210452 | 1228040 | 1234226 | 1224239 | 1.01    | cps   |
| Strontium  | 86-1  | 57966   | 58685   | 55070   | 57240   | 3.34    | cps   |
| Strontium  | 88-1  | 489328  | 485214  | 481827  | 485456  | 0.77    | cps   |
| Sulfur     | 34-1  | 521107  | 515246  | 518840  | 518398  | 0.57    | cps   |
| Terbium    | 159-1 | 5308610 | 5238323 | 5229079 | 5258671 | 0.83    | cps   |
| Terbium    | 159-2 | 1637375 | 1663379 | 1677746 | 1659500 | 1.23    | cps   |
| Thallium   | 203-1 | 75      | 133     | 150     | 119     | 32.97   | cps   |
| Thallium   | 205-1 | 225     | 317     | 300     | 281     | 17.41   | cps   |
| Tin        | 118-1 | 567     | 725     | 725     | 672     | 13.60   | cps   |
| Titanium   | 47-1  | 558     | 567     | 792     | 639     | 20.72   | cps   |
| Uranium    | 238-1 | 175     | 258     | 183     | 206     | 22.33   | cps   |
| Vanadium   | 51-2  | 93      | 57      | 77      | 76      | 24.30   | cps   |
| Yttrium    | 89-1  | 5839092 | 5627205 | 5739925 | 5735408 | 1.85    | cps   |
| Yttrium    | 89-2  | 246305  | 248136  | 250948  | 248463  | 0.94    | cps   |
| Zinc       | 66-2  | 27651   | 28185   | 28189   | 28008   | 1.10    | cps   |
| Zirconium  | 90-1  | 867     | 783     | 658     | 770     | 13.63   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-34             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-34-FL1-CL1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:32:50  | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 50   | 108  | 103     | 48.88  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-35             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-35-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:35:59  | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 208     | 183     | 175     | 189     | 9.19   | cps   |
| Antimony   | 121-1 | 742     | 475     | 475     | 564     | 27.30  | cps   |
| Arsenic    | 75-2  | 48      | 52      | 57      | 52      | 8.88   | cps   |
| Barium     | 135-1 | 35382   | 34254   | 34454   | 34697   | 1.73   | cps   |
| Barium     | 137-1 | 60716   | 60716   | 59803   | 60412   | 0.87   | cps   |
| Beryllium  | 9-1   | 67      | 72      | 50      | 63      | 18.37  | cps   |
| Bismuth    | 209-1 | 2846459 | 2791768 | 2760390 | 2799539 | 1.56   | cps   |
| Bismuth    | 209-2 | 1191178 | 1200917 | 1200105 | 1197400 | 0.45   | cps   |
| Boron      | 10-1  | 1325    | 1258    | 1325    | 1303    | 2.95   | cps   |
| Boron      | 11-1  | 5743    | 5926    | 6385    | 6018    | 5.49   | cps   |
| Cadmium    | 111-1 | 965     | 933     | 948     | 948     | 1.67   | cps   |
| Cadmium    | 106-1 | 1358    | 1325    | 1358    | 1347    | 1.43   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 17      | 8       | 86.57  | cps   |
| Calcium    | 43-1  | 156403  | 154814  | 152911  | 154709  | 1.13   | cps   |
| Calcium    | 44-1  | 2632381 | 2632152 | 2611754 | 2625429 | 0.45   | cps   |
| Chromium   | 52-2  | 950     | 1060    | 1123    | 1045    | 8.40   | cps   |
| Cobalt     | 59-2  | 80      | 123     | 117     | 107     | 21.88  | cps   |
| Copper     | 63-2  | 273668  | 271445  | 272288  | 272467  | 0.41   | cps   |
| Dysprosium | 156-1 | 42      | 75      | 50      | 56      | 31.22  | cps   |
| Dysprosium | 156-2 | 0       | 20      | 13      | 11      | 91.66  | cps   |
| Erbium     | 164-1 | 58      | 33      | 83      | 58      | 42.86  | cps   |
| Erbium     | 164-2 | 0       | 10      | 7       | 6       | 91.64  | cps   |
| Gadolinium | 160-1 | 100     | 67      | 117     | 94      | 26.96  | cps   |
| Gadolinium | 160-2 | 27      | 17      | 17      | 20      | 28.86  | cps   |
| Holmium    | 165-1 | 5066315 | 5019527 | 4981460 | 5022434 | 0.85   | cps   |
| Holmium    | 165-2 | 1697779 | 1720220 | 1662293 | 1693430 | 1.72   | cps   |
| Indium     | 115-1 | 5152795 | 5138909 | 5198043 | 5163249 | 0.60   | cps   |
| Indium     | 115-2 | 329172  | 331884  | 328736  | 329931  | 0.52   | cps   |
| Iron       | 56-2  | 22186   | 23196   | 22970   | 22784   | 2.33   | cps   |
| Iron       | 57-2  | 678     | 689     | 773     | 713     | 7.27   | cps   |
| Lead       | 206-1 | 2084    | 2039    | 2000    | 2041    | 2.04   | cps   |
| Lead       | 207-1 | 1828    | 1695    | 1622    | 1715    | 6.08   | cps   |
| Lead       | 208-1 | 7784    | 7579    | 7440    | 7601    | 2.28   | cps   |
| Lithium    | 6-1   | 965723  | 940423  | 936181  | 947442  | 1.69   | cps   |
| Magnesium  | 24-2  | 54121   | 57425   | 55309   | 55618   | 3.01   | cps   |
| Manganese  | 55-2  | 4561    | 4888    | 4928    | 4792    | 4.20   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-35             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-35-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:35:59  | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 233     | 483     | 358     | 358     | 34.88  | cps   |
| Molybdenum | 95-1  | 125     | 208     | 192     | 175     | 25.20  | cps   |
| Molybdenum | 96-1  | 275     | 300     | 275     | 283     | 5.09   | cps   |
| Molybdenum | 97-1  | 167     | 158     | 175     | 167     | 5.00   | cps   |
| Molybdenum | 98-1  | 292     | 283     | 283     | 286     | 1.68   | cps   |
| Neodymium  | 150-1 | 47      | 93      | 27      | 56      | 61.58  | cps   |
| Neodymium  | 150-2 | 7       | 20      | 13      | 13      | 49.99  | cps   |
| Nickel     | 60-2  | 367     | 410     | 440     | 406     | 9.09   | cps   |
| Phosphorus | 31-2  | 558     | 417     | 500     | 492     | 14.48  | cps   |
| Potassium  | 39-2  | 20173   | 21225   | 20249   | 20549   | 2.86   | cps   |
| Rhodium    | 103-1 | 5101802 | 5058317 | 4948333 | 5036151 | 1.57   | cps   |
| Rhodium    | 103-2 | 1730573 | 1749389 | 1730737 | 1736899 | 0.62   | cps   |
| Scandium   | 45-1  | 3762162 | 3693919 | 3740446 | 3732176 | 0.93   | cps   |
| Scandium   | 45-2  | 37734   | 38396   | 38486   | 38205   | 1.07   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 6       | 4       | 4       | 4       | 24.86  | cps   |
| Selenium   | 82-1  | -22     | -149    | -43     | -71     | -95.64 | cps   |
| Silicon    | 28-1  | 5487573 | 5310187 | 5384497 | 5394086 | 1.65   | cps   |
| Silver     | 109-1 | 142     | 233     | 125     | 167     | 35.00  | cps   |
| Silver     | 107-1 | 200     | 200     | 175     | 192     | 7.53   | cps   |
| Sodium     | 23-2  | 1240590 | 1228845 | 1230935 | 1233457 | 0.51   | cps   |
| Strontium  | 86-1  | 59481   | 58761   | 57086   | 58443   | 2.10   | cps   |
| Strontium  | 88-1  | 496367  | 495417  | 491695  | 494493  | 0.50   | cps   |
| Sulfur     | 34-1  | 530103  | 527049  | 526023  | 527725  | 0.40   | cps   |
| Terbium    | 159-1 | 5350402 | 5370996 | 5360833 | 5360744 | 0.19   | cps   |
| Terbium    | 159-2 | 1638008 | 1672361 | 1699377 | 1669915 | 1.84   | cps   |
| Thallium   | 203-1 | 150     | 83      | 83      | 106     | 36.46  | cps   |
| Thallium   | 205-1 | 325     | 383     | 333     | 347     | 9.09   | cps   |
| Tin        | 118-1 | 350     | 442     | 417     | 403     | 11.77  | cps   |
| Titanium   | 47-1  | 867     | 800     | 767     | 811     | 6.28   | cps   |
| Uranium    | 238-1 | 217     | 225     | 233     | 225     | 3.70   | cps   |
| Vanadium   | 51-2  | 97      | 77      | 67      | 80      | 19.09  | cps   |
| Yttrium    | 89-1  | 5972197 | 5852626 | 5785985 | 5870269 | 1.61   | cps   |
| Yttrium    | 89-2  | 245739  | 247902  | 247604  | 247082  | 0.47   | cps   |
| Zinc       | 66-2  | 5144    | 5108    | 5151    | 5134    | 0.45   | cps   |
| Zirconium  | 90-1  | 600     | 542     | 767     | 636     | 18.36  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-35             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-35-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:35:59  | DataFile Name :   | 087SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 125  | 142  | 125     | 13.33  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:39:06 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 33      | 25      | 36      | 35.25  | cps   |
| Antimony   | 121-1 | 42      | 108     | 42      | 64      | 60.24  | cps   |
| Arsenic    | 75-2  | 6       | 7       | 0       | 4       | 89.21  | cps   |
| Barium     | 135-1 | 42      | 25      | 8       | 25      | 66.68  | cps   |
| Barium     | 137-1 | 42      | 33      | 92      | 56      | 56.79  | cps   |
| Beryllium  | 9-1   | 67      | 61      | 50      | 59      | 14.32  | cps   |
| Bismuth    | 209-1 | 2569035 | 2562713 | 2594117 | 2575288 | 0.64   | cps   |
| Bismuth    | 209-2 | 1124390 | 1107017 | 1120731 | 1117379 | 0.82   | cps   |
| Boron      | 10-1  | 667     | 642     | 533     | 614     | 11.54  | cps   |
| Boron      | 11-1  | 2600    | 2592    | 2275    | 2489    | 7.44   | cps   |
| Cadmium    | 111-1 | 983     | 869     | 882     | 911     | 6.85   | cps   |
| Cadmium    | 106-1 | 1417    | 1233    | 1275    | 1308    | 7.35   | cps   |
| Cadmium    | 108-1 | 13      | 4       | 21      | 13      | 66.64  | cps   |
| Calcium    | 43-1  | 5343    | 4968    | 4876    | 5062    | 4.89   | cps   |
| Calcium    | 44-1  | 83943   | 85033   | 85057   | 84678   | 0.75   | cps   |
| Chromium   | 52-2  | 923     | 903     | 1090    | 972     | 10.54  | cps   |
| Cobalt     | 59-2  | 80      | 80      | 100     | 87      | 13.32  | cps   |
| Copper     | 63-2  | 637     | 547     | 587     | 590     | 7.64   | cps   |
| Dysprosium | 156-1 | 17      | 25      | 8       | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 25      | 17      | 0       | 14      | 91.65  | cps   |
| Erbium     | 164-2 | 10      | 7       | 3       | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 25      | 67      | 33      | 42      | 52.92  | cps   |
| Gadolinium | 160-2 | 7       | 3       | 3       | 4       | 43.40  | cps   |
| Holmium    | 165-1 | 4644149 | 4568525 | 4616219 | 4609631 | 0.83   | cps   |
| Holmium    | 165-2 | 1540598 | 1492847 | 1514125 | 1515857 | 1.58   | cps   |
| Indium     | 115-1 | 4731675 | 4760859 | 4778356 | 4756964 | 0.50   | cps   |
| Indium     | 115-2 | 309873  | 302288  | 304628  | 305596  | 1.27   | cps   |
| Iron       | 56-2  | 3567    | 3234    | 3267    | 3356    | 5.47   | cps   |
| Iron       | 57-2  | 83      | 106     | 133     | 107     | 23.32  | cps   |
| Lead       | 206-1 | 2052096 | 2017943 | 2039873 | 2036637 | 0.85   | cps   |
| Lead       | 207-1 | 1831489 | 1829009 | 1858911 | 1839803 | 0.90   | cps   |
| Lead       | 208-1 | 8192236 | 8166298 | 8246367 | 8201634 | 0.50   | cps   |
| Lithium    | 6-1   | 856241  | 850846  | 841188  | 849425  | 0.90   | cps   |
| Magnesium  | 24-2  | 100     | 92      | 125     | 106     | 16.44  | cps   |
| Manganese  | 55-2  | 60      | 70      | 73      | 68      | 10.24  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:39:06 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 158     | 133     | 133     | 142     | 10.19  | cps   |
| Molybdenum | 95-1  | 8       | 8       | 17      | 11      | 43.34  | cps   |
| Molybdenum | 96-1  | 42      | 108     | 17      | 56      | 85.29  | cps   |
| Molybdenum | 97-1  | 83      | 67      | 50      | 67      | 25.00  | cps   |
| Molybdenum | 98-1  | 33      | 25      | 42      | 33      | 25.01  | cps   |
| Neodymium  | 150-1 | 40      | 0       | 27      | 22      | 91.65  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 77      | 80      | 70      | 76      | 6.74   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 4067    | 4668    | 4493    | 4409    | 7.00   | cps   |
| Rhodium    | 103-1 | 4706075 | 4623348 | 4597291 | 4642238 | 1.22   | cps   |
| Rhodium    | 103-2 | 1618255 | 1574301 | 1601017 | 1597857 | 1.39   | cps   |
| Scandium   | 45-1  | 3426551 | 3483373 | 3459206 | 3456377 | 0.83   | cps   |
| Scandium   | 45-2  | 35067   | 35148   | 35294   | 35170   | 0.33   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 4       | 13      | 7       | 78.78  | cps   |
| Selenium   | 82-1  | -137    | -39     | -32     | -69     | -85.13 | cps   |
| Silicon    | 28-1  | 549287  | 543286  | 534934  | 542502  | 1.33   | cps   |
| Silver     | 109-1 | 75      | 42      | 67      | 61      | 28.38  | cps   |
| Silver     | 107-1 | 158     | 67      | 42      | 89      | 69.10  | cps   |
| Sodium     | 23-2  | 8878    | 8861    | 8561    | 8767    | 2.03   | cps   |
| Strontium  | 86-1  | 1308    | 1242    | 1333    | 1295    | 3.66   | cps   |
| Strontium  | 88-1  | 242     | 200     | 283     | 242     | 17.24  | cps   |
| Sulfur     | 34-1  | 483647  | 478038  | 480160  | 480615  | 0.59   | cps   |
| Terbium    | 159-1 | 4981876 | 4957500 | 4974187 | 4971188 | 0.25   | cps   |
| Terbium    | 159-2 | 1495585 | 1477823 | 1490878 | 1488095 | 0.62   | cps   |
| Thallium   | 203-1 | 83      | 175     | 108     | 122     | 38.77  | cps   |
| Thallium   | 205-1 | 425     | 325     | 367     | 372     | 13.50  | cps   |
| Tin        | 118-1 | 2800    | 2409    | 2700    | 2637    | 7.72   | cps   |
| Titanium   | 47-1  | 267     | 258     | 333     | 286     | 14.37  | cps   |
| Uranium    | 238-1 | 42      | 25      | 25      | 31      | 31.50  | cps   |
| Vanadium   | 51-2  | 17      | 7       | 10      | 11      | 45.82  | cps   |
| Yttrium    | 89-1  | 5488839 | 5482324 | 5456481 | 5475881 | 0.31   | cps   |
| Yttrium    | 89-2  | 233053  | 228657  | 228536  | 230082  | 1.12   | cps   |
| Zinc       | 66-2  | 200     | 230     | 163     | 198     | 16.88  | cps   |
| Zirconium  | 90-1  | 308     | 383     | 433     | 375     | 16.78  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:39:06 | DataFile Name :   | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 75   | 83   | 89      | 19.52  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:42:16 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 33      | 0       | 19      | 89.21  | cps   |
| Antimony   | 121-1 | 25      | 42      | 58      | 42      | 40.00  | cps   |
| Arsenic    | 75-2  | 6       | 4       | 2       | 4       | 50.09  | cps   |
| Barium     | 135-1 | 33      | 42      | 33      | 36      | 13.33  | cps   |
| Barium     | 137-1 | 25      | 8       | 25      | 19      | 49.50  | cps   |
| Beryllium  | 9-1   | 33      | 56      | 56      | 48      | 26.66  | cps   |
| Bismuth    | 209-1 | 2631829 | 2557897 | 2569888 | 2586538 | 1.53   | cps   |
| Bismuth    | 209-2 | 1133065 | 1140894 | 1120306 | 1131422 | 0.92   | cps   |
| Boron      | 10-1  | 517     | 400     | 392     | 436     | 16.03  | cps   |
| Boron      | 11-1  | 2117    | 2234    | 1975    | 2109    | 6.14   | cps   |
| Cadmium    | 111-1 | 943     | 844     | 906     | 898     | 5.57   | cps   |
| Cadmium    | 106-1 | 1350    | 1200    | 1292    | 1281    | 5.91   | cps   |
| Cadmium    | 108-1 | 8       | 0       | 4       | 4       | 99.96  | cps   |
| Calcium    | 43-1  | 5401    | 5251    | 5268    | 5307    | 1.55   | cps   |
| Calcium    | 44-1  | 81479   | 81521   | 82469   | 81823   | 0.68   | cps   |
| Chromium   | 52-2  | 937     | 923     | 977     | 946     | 2.94   | cps   |
| Cobalt     | 59-2  | 100     | 73      | 77      | 83      | 17.44  | cps   |
| Copper     | 63-2  | 540     | 580     | 470     | 530     | 10.50  | cps   |
| Dysprosium | 156-1 | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 17      | 17      | 19      | 24.73  | cps   |
| Erbium     | 164-2 | 10      | 3       | 7       | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 100     | 33      | 67      | 67      | 50.01  | cps   |
| Gadolinium | 160-2 | 17      | 7       | 0       | 8       | 107.84 | cps   |
| Holmium    | 165-1 | 4623558 | 4602730 | 4569477 | 4598588 | 0.59   | cps   |
| Holmium    | 165-2 | 1538415 | 1535385 | 1516198 | 1529999 | 0.79   | cps   |
| Indium     | 115-1 | 4723279 | 4765940 | 4693905 | 4727708 | 0.77   | cps   |
| Indium     | 115-2 | 310750  | 310249  | 308877  | 309959  | 0.31   | cps   |
| Iron       | 56-2  | 3239    | 3212    | 3067    | 3173    | 2.92   | cps   |
| Iron       | 57-2  | 67      | 67      | 61      | 65      | 4.95   | cps   |
| Lead       | 206-1 | 394     | 456     | 422     | 424     | 7.22   | cps   |
| Lead       | 207-1 | 411     | 378     | 328     | 372     | 11.27  | cps   |
| Lead       | 208-1 | 1545    | 1589    | 1539    | 1557    | 1.76   | cps   |
| Lithium    | 6-1   | 850753  | 851728  | 849159  | 850547  | 0.15   | cps   |
| Magnesium  | 24-2  | 83      | 92      | 108     | 94      | 13.48  | cps   |
| Manganese  | 55-2  | 33      | 37      | 80      | 50      | 52.07  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:42:16 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 125     | 125     | 125     | 125     | 0.00    | cps   |
| Molybdenum | 95-1  | 0       | 17      | 8       | 8       | 100.02  | cps   |
| Molybdenum | 96-1  | 92      | 67      | 75      | 78      | 16.37   | cps   |
| Molybdenum | 97-1  | 58      | 108     | 142     | 103     | 40.81   | cps   |
| Molybdenum | 98-1  | 0       | 50      | 17      | 22      | 114.56  | cps   |
| Neodymium  | 150-1 | 13      | 7       | 13      | 11      | 34.61   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 83      | 47      | 47      | 59      | 35.95   | cps   |
| Phosphorus | 31-2  | 8       | 17      | 33      | 19      | 65.47   | cps   |
| Potassium  | 39-2  | 4409    | 4309    | 4051    | 4256    | 4.35    | cps   |
| Rhodium    | 103-1 | 4723113 | 4666979 | 4696888 | 4695660 | 0.60    | cps   |
| Rhodium    | 103-2 | 1648973 | 1628903 | 1605954 | 1627943 | 1.32    | cps   |
| Scandium   | 45-1  | 3438880 | 3434700 | 3471603 | 3448394 | 0.59    | cps   |
| Scandium   | 45-2  | 35037   | 35532   | 35769   | 35446   | 1.05    | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60   | cps   |
| Selenium   | 78-2  | 4       | 2       | 2       | 2       | 43.30   | cps   |
| Selenium   | 82-1  | 49      | -117    | -78     | -49     | -178.43 | cps   |
| Silicon    | 28-1  | 528143  | 528277  | 533258  | 529893  | 0.55    | cps   |
| Silver     | 109-1 | 67      | 50      | 83      | 67      | 25.00   | cps   |
| Silver     | 107-1 | 50      | 17      | 42      | 36      | 48.03   | cps   |
| Sodium     | 23-2  | 9120    | 9287    | 8611    | 9006    | 3.91    | cps   |
| Strontium  | 86-1  | 1400    | 1417    | 1525    | 1447    | 4.69    | cps   |
| Strontium  | 88-1  | 167     | 167     | 158     | 164     | 2.94    | cps   |
| Sulfur     | 34-1  | 490171  | 494518  | 487235  | 490641  | 0.75    | cps   |
| Terbium    | 159-1 | 4943778 | 4938204 | 4938462 | 4940148 | 0.06    | cps   |
| Terbium    | 159-2 | 1505081 | 1509786 | 1491673 | 1502180 | 0.63    | cps   |
| Thallium   | 203-1 | 108     | 125     | 108     | 114     | 8.45    | cps   |
| Thallium   | 205-1 | 233     | 292     | 283     | 269     | 11.71   | cps   |
| Tin        | 118-1 | 667     | 600     | 500     | 589     | 14.25   | cps   |
| Titanium   | 47-1  | 167     | 175     | 208     | 183     | 12.02   | cps   |
| Uranium    | 238-1 | 33      | 17      | 83      | 44      | 78.07   | cps   |
| Vanadium   | 51-2  | 10      | 17      | 7       | 11      | 45.82   | cps   |
| Yttrium    | 89-1  | 5417756 | 5441881 | 5348054 | 5402564 | 0.90    | cps   |
| Yttrium    | 89-2  | 233403  | 234437  | 233412  | 233751  | 0.25    | cps   |
| Zinc       | 66-2  | 30      | 40      | 43      | 38      | 18.36   | cps   |
| Zirconium  | 90-1  | 258     | 275     | 233     | 256     | 8.21    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:42:16 | DataFile Name :   | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 42   | 75   | 81      | 52.07  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4355-36 Instrumnet Name : P8  
 Client Sample ID : DC20894-36-FL1-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:45:29 DataFile Name : 090SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 217     | 100     | 158     | 158     | 36.84  | cps   |
| Antimony   | 121-1 | 583     | 633     | 592     | 603     | 4.44   | cps   |
| Arsenic    | 75-2  | 43      | 41      | 43      | 42      | 2.54   | cps   |
| Barium     | 135-1 | 35875   | 34822   | 35382   | 35359   | 1.49   | cps   |
| Barium     | 137-1 | 61201   | 60773   | 60464   | 60813   | 0.61   | cps   |
| Beryllium  | 9-1   | 33      | 44      | 89      | 56      | 52.92  | cps   |
| Bismuth    | 209-1 | 2852174 | 2860399 | 2719068 | 2810547 | 2.82   | cps   |
| Bismuth    | 209-2 | 1206920 | 1204988 | 1206940 | 1206283 | 0.09   | cps   |
| Boron      | 10-1  | 1300    | 1350    | 1258    | 1303    | 3.52   | cps   |
| Boron      | 11-1  | 5860    | 5368    | 5576    | 5601    | 4.41   | cps   |
| Cadmium    | 111-1 | 918     | 1013    | 791     | 907     | 12.26  | cps   |
| Cadmium    | 106-1 | 1300    | 1400    | 1117    | 1272    | 11.29  | cps   |
| Cadmium    | 108-1 | 25      | 13      | 4       | 14      | 75.48  | cps   |
| Calcium    | 43-1  | 155755  | 152234  | 153438  | 153809  | 1.16   | cps   |
| Calcium    | 44-1  | 2643322 | 2596228 | 2609352 | 2616301 | 0.93   | cps   |
| Chromium   | 52-2  | 1017    | 933     | 1030    | 993     | 5.27   | cps   |
| Cobalt     | 59-2  | 153     | 153     | 120     | 142     | 13.53  | cps   |
| Copper     | 63-2  | 269726  | 266797  | 270103  | 268875  | 0.67   | cps   |
| Dysprosium | 156-1 | 33      | 83      | 33      | 50      | 57.75  | cps   |
| Dysprosium | 156-2 | 20      | 10      | 13      | 14      | 35.26  | cps   |
| Erbium     | 164-1 | 67      | 50      | 83      | 67      | 25.00  | cps   |
| Erbium     | 164-2 | 30      | 3       | 13      | 16      | 86.63  | cps   |
| Gadolinium | 160-1 | 83      | 100     | 50      | 78      | 32.73  | cps   |
| Gadolinium | 160-2 | 50      | 27      | 43      | 40      | 30.04  | cps   |
| Holmium    | 165-1 | 5008291 | 4960620 | 4850667 | 4939860 | 1.64   | cps   |
| Holmium    | 165-2 | 1692343 | 1656683 | 1673224 | 1674083 | 1.07   | cps   |
| Indium     | 115-1 | 5257175 | 5144938 | 4943299 | 5115137 | 3.11   | cps   |
| Indium     | 115-2 | 327400  | 326390  | 330304  | 328032  | 0.62   | cps   |
| Iron       | 56-2  | 24454   | 20350   | 21652   | 22152   | 9.47   | cps   |
| Iron       | 57-2  | 583     | 561     | 489     | 544     | 9.07   | cps   |
| Lead       | 206-1 | 2050    | 1906    | 2156    | 2037    | 6.16   | cps   |
| Lead       | 207-1 | 1617    | 1789    | 1822    | 1743    | 6.33   | cps   |
| Lead       | 208-1 | 7712    | 7768    | 8051    | 7844    | 2.32   | cps   |
| Lithium    | 6-1   | 962084  | 951751  | 908914  | 940916  | 3.00   | cps   |
| Magnesium  | 24-2  | 56161   | 55317   | 54195   | 55224   | 1.79   | cps   |
| Manganese  | 55-2  | 4424    | 4488    | 4991    | 4634    | 6.70   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-36             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-36-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:45:29  | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 442     | 292     | 417     | 383     | 20.96   | cps   |
| Molybdenum | 95-1  | 158     | 208     | 183     | 183     | 13.64   | cps   |
| Molybdenum | 96-1  | 250     | 325     | 250     | 275     | 15.75   | cps   |
| Molybdenum | 97-1  | 167     | 175     | 133     | 158     | 13.93   | cps   |
| Molybdenum | 98-1  | 233     | 275     | 233     | 247     | 9.73    | cps   |
| Neodymium  | 150-1 | 40      | 40      | 40      | 40      | 0.00    | cps   |
| Neodymium  | 150-2 | 3       | 20      | 10      | 11      | 75.52   | cps   |
| Nickel     | 60-2  | 403     | 440     | 460     | 434     | 6.62    | cps   |
| Phosphorus | 31-2  | 450     | 550     | 425     | 475     | 13.92   | cps   |
| Potassium  | 39-2  | 20257   | 20282   | 19598   | 20046   | 1.94    | cps   |
| Rhodium    | 103-1 | 5084248 | 5086479 | 4909164 | 5026630 | 2.02    | cps   |
| Rhodium    | 103-2 | 1760011 | 1730256 | 1735968 | 1742079 | 0.91    | cps   |
| Scandium   | 45-1  | 3799184 | 3754115 | 3595913 | 3716404 | 2.87    | cps   |
| Scandium   | 45-2  | 37697   | 36919   | 36992   | 37203   | 1.16    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 6       | 0       | 4       | 3       | 91.69   | cps   |
| Selenium   | 82-1  | 78      | -21     | -54     | 1       | 6461.37 | cps   |
| Silicon    | 28-1  | 5357823 | 5294542 | 5337084 | 5329817 | 0.61    | cps   |
| Silver     | 109-1 | 167     | 133     | 175     | 158     | 13.93   | cps   |
| Silver     | 107-1 | 208     | 125     | 125     | 153     | 31.49   | cps   |
| Sodium     | 23-2  | 1248045 | 1236358 | 1227144 | 1237182 | 0.85    | cps   |
| Strontium  | 86-1  | 59757   | 57773   | 57137   | 58222   | 2.35    | cps   |
| Strontium  | 88-1  | 491047  | 485751  | 486629  | 487809  | 0.58    | cps   |
| Sulfur     | 34-1  | 542293  | 538027  | 542036  | 540785  | 0.44    | cps   |
| Terbium    | 159-1 | 5361818 | 5331745 | 5112366 | 5268643 | 2.58    | cps   |
| Terbium    | 159-2 | 1689244 | 1698930 | 1673096 | 1687090 | 0.77    | cps   |
| Thallium   | 203-1 | 117     | 100     | 100     | 106     | 9.11    | cps   |
| Thallium   | 205-1 | 317     | 200     | 333     | 283     | 25.64   | cps   |
| Tin        | 118-1 | 458     | 475     | 492     | 475     | 3.51    | cps   |
| Titanium   | 47-1  | 733     | 592     | 808     | 711     | 15.47   | cps   |
| Uranium    | 238-1 | 242     | 275     | 200     | 239     | 15.73   | cps   |
| Vanadium   | 51-2  | 73      | 90      | 90      | 84      | 11.40   | cps   |
| Yttrium    | 89-1  | 5870414 | 5881687 | 5573169 | 5775090 | 3.03    | cps   |
| Yttrium    | 89-2  | 247802  | 245521  | 246975  | 246766  | 0.47    | cps   |
| Zinc       | 66-2  | 5525    | 5441    | 5478    | 5481    | 0.76    | cps   |
| Zirconium  | 90-1  | 675     | 800     | 683     | 720     | 9.71    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4355-36             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-36-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:45:29  | DataFile Name :   | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 175  | 275  | 206     | 29.33  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100856BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100856BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:48:36 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 17      | 42      | 28      | 45.82  | cps   |
| Antimony   | 121-1 | 58      | 42      | 33      | 44      | 28.65  | cps   |
| Arsenic    | 75-2  | 0       | 0       | 4       | 1       | 173.21 | cps   |
| Barium     | 135-1 | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Barium     | 137-1 | 8       | 42      | 42      | 31      | 62.99  | cps   |
| Beryllium  | 9-1   | 33      | 67      | 61      | 54      | 33.26  | cps   |
| Bismuth    | 209-1 | 2606921 | 2519973 | 2493653 | 2540183 | 2.33   | cps   |
| Bismuth    | 209-2 | 1067563 | 1116705 | 1115427 | 1099898 | 2.55   | cps   |
| Boron      | 10-1  | 358     | 508     | 458     | 442     | 17.29  | cps   |
| Boron      | 11-1  | 2175    | 2184    | 2034    | 2131    | 3.96   | cps   |
| Cadmium    | 111-1 | 895     | 908     | 970     | 924     | 4.31   | cps   |
| Cadmium    | 106-1 | 1275    | 1283    | 1383    | 1314    | 4.59   | cps   |
| Cadmium    | 108-1 | 8       | 4       | 4       | 6       | 43.22  | cps   |
| Calcium    | 43-1  | 5443    | 5176    | 5084    | 5235    | 3.56   | cps   |
| Calcium    | 44-1  | 82501   | 83591   | 83582   | 83225   | 0.75   | cps   |
| Chromium   | 52-2  | 870     | 957     | 973     | 933     | 5.94   | cps   |
| Cobalt     | 59-2  | 73      | 90      | 77      | 80      | 11.02  | cps   |
| Copper     | 63-2  | 653     | 590     | 517     | 587     | 11.66  | cps   |
| Dysprosium | 156-1 | 17      | 8       | 33      | 19      | 65.47  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 33      | 17      | 0       | 17      | 99.99  | cps   |
| Erbium     | 164-2 | 17      | 3       | 7       | 9       | 78.08  | cps   |
| Gadolinium | 160-1 | 58      | 25      | 42      | 42      | 40.00  | cps   |
| Gadolinium | 160-2 | 3       | 3       | 13      | 7       | 86.65  | cps   |
| Holmium    | 165-1 | 4636991 | 4389359 | 4414288 | 4480213 | 3.04   | cps   |
| Holmium    | 165-2 | 1451872 | 1499152 | 1506677 | 1485900 | 2.00   | cps   |
| Indium     | 115-1 | 4718563 | 4578493 | 4656380 | 4651145 | 1.51   | cps   |
| Indium     | 115-2 | 295014  | 305211  | 305432  | 301885  | 1.97   | cps   |
| Iron       | 56-2  | 3250    | 3073    | 3200    | 3175    | 2.89   | cps   |
| Iron       | 57-2  | 106     | 128     | 122     | 119     | 9.76   | cps   |
| Lead       | 206-1 | 322     | 267     | 394     | 328     | 19.55  | cps   |
| Lead       | 207-1 | 339     | 261     | 356     | 319     | 15.83  | cps   |
| Lead       | 208-1 | 1361    | 1245    | 1439    | 1348    | 7.26   | cps   |
| Lithium    | 6-1   | 847446  | 827693  | 832398  | 835846  | 1.23   | cps   |
| Magnesium  | 24-2  | 150     | 50      | 133     | 111     | 48.22  | cps   |
| Manganese  | 55-2  | 77      | 87      | 60      | 74      | 18.10  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100856BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100856BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:48:36 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 158     | 133     | 83      | 125     | 30.55  | cps   |
| Molybdenum | 95-1  | 0       | 8       | 17      | 8       | 100.02 | cps   |
| Molybdenum | 96-1  | 67      | 75      | 58      | 67      | 12.49  | cps   |
| Molybdenum | 97-1  | 25      | 50      | 42      | 39      | 32.73  | cps   |
| Molybdenum | 98-1  | 8       | 42      | 17      | 22      | 78.07  | cps   |
| Neodymium  | 150-1 | 0       | 13      | 0       | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 83      | 63      | 53      | 67      | 22.92  | cps   |
| Phosphorus | 31-2  | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Potassium  | 39-2  | 4751    | 4559    | 4543    | 4618    | 2.51   | cps   |
| Rhodium    | 103-1 | 4633335 | 4527971 | 4600606 | 4587304 | 1.18   | cps   |
| Rhodium    | 103-2 | 1536731 | 1616624 | 1611675 | 1588344 | 2.82   | cps   |
| Scandium   | 45-1  | 3461885 | 3342511 | 3457790 | 3420729 | 1.98   | cps   |
| Scandium   | 45-2  | 33881   | 35328   | 35214   | 34808   | 2.31   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 0       | 6       | 2       | 2       | 114.63 | cps   |
| Selenium   | 82-1  | -165    | -75     | -38     | -93     | -70.80 | cps   |
| Silicon    | 28-1  | 533472  | 529116  | 526323  | 529637  | 0.68   | cps   |
| Silver     | 109-1 | 108     | 50      | 83      | 81      | 36.33  | cps   |
| Silver     | 107-1 | 58      | 117     | 125     | 100     | 36.32  | cps   |
| Sodium     | 23-2  | 9003    | 8895    | 9112    | 9003    | 1.20   | cps   |
| Strontium  | 86-1  | 1292    | 1500    | 1533    | 1442    | 9.08   | cps   |
| Strontium  | 88-1  | 117     | 125     | 200     | 147     | 31.17  | cps   |
| Sulfur     | 34-1  | 489041  | 528216  | 524099  | 513785  | 4.19   | cps   |
| Terbium    | 159-1 | 5006152 | 4807166 | 4734898 | 4849405 | 2.90   | cps   |
| Terbium    | 159-2 | 1415726 | 1483385 | 1490369 | 1463160 | 2.82   | cps   |
| Thallium   | 203-1 | 142     | 92      | 125     | 119     | 21.31  | cps   |
| Thallium   | 205-1 | 258     | 250     | 250     | 253     | 1.90   | cps   |
| Tin        | 118-1 | 492     | 567     | 375     | 478     | 20.22  | cps   |
| Titanium   | 47-1  | 175     | 183     | 208     | 189     | 9.18   | cps   |
| Uranium    | 238-1 | 67      | 25      | 17      | 36      | 74.18  | cps   |
| Vanadium   | 51-2  | 17      | 17      | 20      | 18      | 10.81  | cps   |
| Yttrium    | 89-1  | 5421536 | 5287474 | 5228167 | 5312393 | 1.86   | cps   |
| Yttrium    | 89-2  | 222959  | 229706  | 231969  | 228211  | 2.05   | cps   |
| Zinc       | 66-2  | 37      | 20      | 40      | 32      | 33.25  | cps   |
| Zirconium  | 90-1  | 317     | 292     | 308     | 306     | 4.17   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100856BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100856BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:48:36 | DataFile Name :   | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 67   | 50   | 133  | 83      | 52.92  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100856BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100856BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:51:47 | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 8       | 25      | 25      | 66.68  | cps   |
| Antimony   | 121-1 | 42      | 75      | 108     | 75      | 44.44  | cps   |
| Arsenic    | 75-2  | 6       | 6       | 2       | 4       | 49.54  | cps   |
| Barium     | 135-1 | 25      | 17      | 50      | 31      | 56.77  | cps   |
| Barium     | 137-1 | 50      | 50      | 83      | 61      | 31.50  | cps   |
| Beryllium  | 9-1   | 61      | 78      | 78      | 72      | 13.33  | cps   |
| Bismuth    | 209-1 | 2538185 | 2517917 | 2496780 | 2517627 | 0.82   | cps   |
| Bismuth    | 209-2 | 1111131 | 1109683 | 1118789 | 1113201 | 0.44   | cps   |
| Boron      | 10-1  | 592     | 450     | 550     | 531     | 13.72  | cps   |
| Boron      | 11-1  | 2325    | 2250    | 2117    | 2231    | 4.73   | cps   |
| Cadmium    | 111-1 | 900     | 867     | 882     | 883     | 1.84   | cps   |
| Cadmium    | 106-1 | 1292    | 1233    | 1267    | 1264    | 2.32   | cps   |
| Cadmium    | 108-1 | 13      | 13      | 13      | 13      | 0.00   | cps   |
| Calcium    | 43-1  | 5184    | 5385    | 5009    | 5193    | 3.62   | cps   |
| Calcium    | 44-1  | 87204   | 86777   | 86709   | 86897   | 0.31   | cps   |
| Chromium   | 52-2  | 1007    | 930     | 897     | 944     | 5.97   | cps   |
| Cobalt     | 59-2  | 143     | 80      | 83      | 102     | 34.87  | cps   |
| Copper     | 63-2  | 653     | 653     | 603     | 637     | 4.53   | cps   |
| Dysprosium | 156-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 8       | 42      | 25      | 66.68  | cps   |
| Erbium     | 164-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Gadolinium | 160-1 | 108     | 100     | 33      | 81      | 51.04  | cps   |
| Gadolinium | 160-2 | 3       | 7       | 7       | 6       | 34.70  | cps   |
| Holmium    | 165-1 | 4535329 | 4465549 | 4459784 | 4486887 | 0.94   | cps   |
| Holmium    | 165-2 | 1491400 | 1485691 | 1494910 | 1490667 | 0.31   | cps   |
| Indium     | 115-1 | 4703756 | 4575979 | 4641290 | 4640342 | 1.38   | cps   |
| Indium     | 115-2 | 304389  | 306921  | 305023  | 305445  | 0.43   | cps   |
| Iron       | 56-2  | 3489    | 3595    | 3150    | 3412    | 6.81   | cps   |
| Iron       | 57-2  | 89      | 56      | 72      | 72      | 23.07  | cps   |
| Lead       | 206-1 | 2019316 | 1992024 | 1960907 | 1990749 | 1.47   | cps   |
| Lead       | 207-1 | 1823279 | 1790927 | 1782459 | 1798888 | 1.20   | cps   |
| Lead       | 208-1 | 8097639 | 8026357 | 7962406 | 8028801 | 0.84   | cps   |
| Lithium    | 6-1   | 842974  | 849151  | 845444  | 845857  | 0.37   | cps   |
| Magnesium  | 24-2  | 92      | 58      | 142     | 97      | 43.14  | cps   |
| Manganese  | 55-2  | 63      | 67      | 80      | 70      | 12.60  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100856BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100856BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:51:47 | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 208     | 208     | 133     | 183     | 23.62   | cps   |
| Molybdenum | 95-1  | 42      | 17      | 25      | 28      | 45.82   | cps   |
| Molybdenum | 96-1  | 108     | 50      | 50      | 69      | 48.50   | cps   |
| Molybdenum | 97-1  | 50      | 67      | 108     | 75      | 40.06   | cps   |
| Molybdenum | 98-1  | 25      | 25      | 8       | 19      | 49.50   | cps   |
| Neodymium  | 150-1 | 27      | 13      | 13      | 18      | 43.33   | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 113     | 83      | 97      | 98      | 15.37   | cps   |
| Phosphorus | 31-2  | 25      | 17      | 0       | 14      | 91.65   | cps   |
| Potassium  | 39-2  | 5059    | 4826    | 4501    | 4795    | 5.85    | cps   |
| Rhodium    | 103-1 | 4541030 | 4630999 | 4596943 | 4589657 | 0.99    | cps   |
| Rhodium    | 103-2 | 1607907 | 1595150 | 1634551 | 1612536 | 1.25    | cps   |
| Scandium   | 45-1  | 3438185 | 3344469 | 3409228 | 3397294 | 1.41    | cps   |
| Scandium   | 45-2  | 35442   | 35204   | 35238   | 35294   | 0.36    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 2       | 7       | 6       | 5       | 57.32   | cps   |
| Selenium   | 82-1  | -25     | -186    | -16     | -75     | -126.60 | cps   |
| Silicon    | 28-1  | 551175  | 538533  | 541938  | 543882  | 1.20    | cps   |
| Silver     | 109-1 | 58      | 42      | 108     | 69      | 49.96   | cps   |
| Silver     | 107-1 | 58      | 100     | 42      | 67      | 45.07   | cps   |
| Sodium     | 23-2  | 9362    | 9187    | 9353    | 9301    | 1.06    | cps   |
| Strontium  | 86-1  | 1467    | 1417    | 1584    | 1489    | 5.74    | cps   |
| Strontium  | 88-1  | 100     | 233     | 192     | 175     | 38.98   | cps   |
| Sulfur     | 34-1  | 540620  | 542574  | 539485  | 540893  | 0.29    | cps   |
| Terbium    | 159-1 | 4836870 | 4746974 | 4773567 | 4785804 | 0.96    | cps   |
| Terbium    | 159-2 | 1490074 | 1473134 | 1489287 | 1484165 | 0.64    | cps   |
| Thallium   | 203-1 | 183     | 208     | 142     | 178     | 18.94   | cps   |
| Thallium   | 205-1 | 333     | 267     | 325     | 308     | 11.78   | cps   |
| Tin        | 118-1 | 2459    | 2792    | 2617    | 2623    | 6.36    | cps   |
| Titanium   | 47-1  | 242     | 167     | 200     | 203     | 18.53   | cps   |
| Uranium    | 238-1 | 42      | 33      | 42      | 39      | 12.38   | cps   |
| Vanadium   | 51-2  | 23      | 13      | 13      | 17      | 34.65   | cps   |
| Yttrium    | 89-1  | 5323070 | 5354599 | 5394844 | 5357504 | 0.67    | cps   |
| Yttrium    | 89-2  | 228498  | 231125  | 230431  | 230018  | 0.59    | cps   |
| Zinc       | 66-2  | 110     | 113     | 73      | 99      | 22.45   | cps   |
| Zirconium  | 90-1  | 300     | 392     | 425     | 372     | 17.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100856BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100856BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:51:47 | DataFile Name :   | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 100  | 75   | 92   | 89      | 14.33  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-01 Instrumnet Name : P8  
 Client Sample ID : DC20894-37-FL2-CL5-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:54:57 DataFile Name : 093SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 317     | 267     | 225     | 269     | 17.04  | cps   |
| Antimony   | 121-1 | 642     | 575     | 550     | 589     | 8.05   | cps   |
| Arsenic    | 75-2  | 48      | 39      | 41      | 43      | 11.50  | cps   |
| Barium     | 135-1 | 35691   | 35649   | 35399   | 35580   | 0.44   | cps   |
| Barium     | 137-1 | 61871   | 60832   | 59971   | 60891   | 1.56   | cps   |
| Beryllium  | 9-1   | 61      | 78      | 33      | 57      | 39.12  | cps   |
| Bismuth    | 209-1 | 2755211 | 2685052 | 2705785 | 2715349 | 1.33   | cps   |
| Bismuth    | 209-2 | 1196701 | 1216135 | 1191515 | 1201450 | 1.08   | cps   |
| Boron      | 10-1  | 1250    | 1342    | 1217    | 1270    | 5.10   | cps   |
| Boron      | 11-1  | 5601    | 5443    | 5376    | 5473    | 2.11   | cps   |
| Cadmium    | 111-1 | 985     | 1065    | 970     | 1006    | 5.07   | cps   |
| Cadmium    | 106-1 | 1383    | 1483    | 1367    | 1411    | 4.47   | cps   |
| Cadmium    | 108-1 | 0       | 4       | 29      | 11      | 141.95 | cps   |
| Calcium    | 43-1  | 151796  | 153246  | 150223  | 151755  | 1.00   | cps   |
| Calcium    | 44-1  | 2597799 | 2628179 | 2568429 | 2598136 | 1.15   | cps   |
| Chromium   | 52-2  | 1057    | 1000    | 1040    | 1032    | 2.82   | cps   |
| Cobalt     | 59-2  | 147     | 120     | 137     | 134     | 10.02  | cps   |
| Copper     | 63-2  | 286009  | 283625  | 284358  | 284664  | 0.43   | cps   |
| Dysprosium | 156-1 | 42      | 67      | 42      | 50      | 28.87  | cps   |
| Dysprosium | 156-2 | 30      | 13      | 20      | 21      | 39.75  | cps   |
| Erbium     | 164-1 | 42      | 42      | 33      | 39      | 12.38  | cps   |
| Erbium     | 164-2 | 10      | 3       | 13      | 9       | 57.30  | cps   |
| Gadolinium | 160-1 | 133     | 117     | 117     | 122     | 7.87   | cps   |
| Gadolinium | 160-2 | 13      | 23      | 23      | 20      | 28.87  | cps   |
| Holmium    | 165-1 | 4860883 | 4800369 | 4901329 | 4854194 | 1.05   | cps   |
| Holmium    | 165-2 | 1677354 | 1697409 | 1609794 | 1661519 | 2.76   | cps   |
| Indium     | 115-1 | 5012947 | 5109039 | 5035883 | 5052623 | 0.99   | cps   |
| Indium     | 115-2 | 335232  | 335714  | 331024  | 333990  | 0.77   | cps   |
| Iron       | 56-2  | 20611   | 23737   | 20862   | 21736   | 7.99   | cps   |
| Iron       | 57-2  | 567     | 672     | 550     | 596     | 11.12  | cps   |
| Lead       | 206-1 | 2750    | 2745    | 2523    | 2673    | 4.86   | cps   |
| Lead       | 207-1 | 2339    | 2300    | 2028    | 2222    | 7.63   | cps   |
| Lead       | 208-1 | 10635   | 10563   | 10046   | 10415   | 3.08   | cps   |
| Lithium    | 6-1   | 933539  | 932551  | 928799  | 931629  | 0.27   | cps   |
| Magnesium  | 24-2  | 56078   | 56806   | 55308   | 56064   | 1.34   | cps   |
| Manganese  | 55-2  | 5351    | 5054    | 5024    | 5143    | 3.51   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-01             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-37-FL2-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:54:57  | DataFile Name :   | 093SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 325     | 467     | 342     | 378     | 20.50   | cps   |
| Molybdenum | 95-1  | 175     | 142     | 158     | 158     | 10.53   | cps   |
| Molybdenum | 96-1  | 225     | 183     | 233     | 214     | 12.53   | cps   |
| Molybdenum | 97-1  | 150     | 200     | 208     | 186     | 16.95   | cps   |
| Molybdenum | 98-1  | 233     | 192     | 267     | 231     | 16.30   | cps   |
| Neodymium  | 150-1 | 40      | 33      | 27      | 33      | 20.00   | cps   |
| Neodymium  | 150-2 | 3       | 13      | 7       | 8       | 65.47   | cps   |
| Nickel     | 60-2  | 747     | 740     | 800     | 762     | 4.31    | cps   |
| Phosphorus | 31-2  | 483     | 458     | 525     | 489     | 6.89    | cps   |
| Potassium  | 39-2  | 21117   | 21359   | 21183   | 21220   | 0.59    | cps   |
| Rhodium    | 103-1 | 4984514 | 4893178 | 4946607 | 4941433 | 0.93    | cps   |
| Rhodium    | 103-2 | 1770530 | 1755588 | 1711251 | 1745790 | 1.77    | cps   |
| Scandium   | 45-1  | 3732950 | 3727769 | 3712786 | 3724502 | 0.28    | cps   |
| Scandium   | 45-2  | 37951   | 38486   | 38523   | 38320   | 0.83    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 4       | 2       | 2       | 2       | 43.30   | cps   |
| Selenium   | 82-1  | -97     | 65      | -68     | -33     | -258.82 | cps   |
| Silicon    | 28-1  | 5542705 | 5437959 | 5347327 | 5442663 | 1.80    | cps   |
| Silver     | 109-1 | 150     | 217     | 200     | 189     | 18.37   | cps   |
| Silver     | 107-1 | 150     | 117     | 158     | 142     | 15.56   | cps   |
| Sodium     | 23-2  | 1246140 | 1260547 | 1257539 | 1254742 | 0.61    | cps   |
| Strontium  | 86-1  | 59539   | 59254   | 57948   | 58914   | 1.44    | cps   |
| Strontium  | 88-1  | 495629  | 494771  | 492137  | 494179  | 0.37    | cps   |
| Sulfur     | 34-1  | 597301  | 597460  | 594574  | 596445  | 0.27    | cps   |
| Terbium    | 159-1 | 5297586 | 5170487 | 5283115 | 5250396 | 1.33    | cps   |
| Terbium    | 159-2 | 1689446 | 1693872 | 1615028 | 1666115 | 2.66    | cps   |
| Thallium   | 203-1 | 83      | 133     | 108     | 108     | 23.08   | cps   |
| Thallium   | 205-1 | 300     | 283     | 392     | 325     | 17.95   | cps   |
| Tin        | 118-1 | 683     | 667     | 600     | 650     | 6.78    | cps   |
| Titanium   | 47-1  | 642     | 592     | 742     | 658     | 11.60   | cps   |
| Uranium    | 238-1 | 175     | 208     | 133     | 172     | 21.82   | cps   |
| Vanadium   | 51-2  | 40      | 73      | 67      | 60      | 29.40   | cps   |
| Yttrium    | 89-1  | 5816684 | 5739610 | 5700647 | 5752314 | 1.03    | cps   |
| Yttrium    | 89-2  | 251756  | 250960  | 248356  | 250357  | 0.71    | cps   |
| Zinc       | 66-2  | 7032    | 7052    | 6858    | 6981    | 1.52    | cps   |
| Zirconium  | 90-1  | 742     | 758     | 817     | 772     | 5.10    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-01             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-37-FL2-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:54:57  | DataFile Name :   | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 117  | 133  | 164     | 41.41  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-02 Instrumnet Name : P8  
 Client Sample ID : DC20894-38-FL2-CL5-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:58:06 DataFile Name : 094SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 342     | 267     | 275     | 294     | 13.96  | cps   |
| Antimony   | 121-1 | 558     | 450     | 667     | 558     | 19.40  | cps   |
| Arsenic    | 75-2  | 65      | 69      | 54      | 62      | 12.37  | cps   |
| Barium     | 135-1 | 34672   | 35039   | 35499   | 35070   | 1.18   | cps   |
| Barium     | 137-1 | 61360   | 59962   | 60254   | 60525   | 1.22   | cps   |
| Beryllium  | 9-1   | 50      | 28      | 78      | 52      | 48.31  | cps   |
| Bismuth    | 209-1 | 2740612 | 2710306 | 2692112 | 2714343 | 0.90   | cps   |
| Bismuth    | 209-2 | 1188054 | 1180036 | 1123598 | 1163896 | 3.02   | cps   |
| Boron      | 10-1  | 1150    | 1283    | 1117    | 1183    | 7.45   | cps   |
| Boron      | 11-1  | 5976    | 5851    | 5610    | 5813    | 3.21   | cps   |
| Cadmium    | 111-1 | 1162    | 1070    | 907     | 1046    | 12.32  | cps   |
| Cadmium    | 106-1 | 1609    | 1525    | 1275    | 1470    | 11.81  | cps   |
| Cadmium    | 108-1 | 8       | 21      | 21      | 17      | 43.31  | cps   |
| Calcium    | 43-1  | 153169  | 147643  | 152723  | 151179  | 2.03   | cps   |
| Calcium    | 44-1  | 2602866 | 2574549 | 2558463 | 2578626 | 0.87   | cps   |
| Chromium   | 52-2  | 990     | 1033    | 1137    | 1053    | 7.15   | cps   |
| Cobalt     | 59-2  | 93      | 123     | 127     | 114     | 16.04  | cps   |
| Copper     | 63-2  | 292842  | 293019  | 291006  | 292289  | 0.38   | cps   |
| Dysprosium | 156-1 | 42      | 50      | 75      | 56      | 31.22  | cps   |
| Dysprosium | 156-2 | 17      | 13      | 13      | 14      | 13.35  | cps   |
| Erbium     | 164-1 | 83      | 58      | 25      | 56      | 52.68  | cps   |
| Erbium     | 164-2 | 17      | 20      | 17      | 18      | 10.81  | cps   |
| Gadolinium | 160-1 | 92      | 125     | 42      | 86      | 48.71  | cps   |
| Gadolinium | 160-2 | 23      | 20      | 27      | 23      | 14.29  | cps   |
| Holmium    | 165-1 | 4886843 | 4825977 | 4801286 | 4838035 | 0.91   | cps   |
| Holmium    | 165-2 | 1674842 | 1656490 | 1511340 | 1614224 | 5.55   | cps   |
| Indium     | 115-1 | 5104264 | 5045828 | 5036244 | 5062112 | 0.73   | cps   |
| Indium     | 115-2 | 329510  | 327242  | 316118  | 324290  | 2.21   | cps   |
| Iron       | 56-2  | 21657   | 21312   | 22225   | 21731   | 2.12   | cps   |
| Iron       | 57-2  | 617     | 489     | 461     | 522     | 15.89  | cps   |
| Lead       | 206-1 | 2239    | 2573    | 2656    | 2489    | 8.86   | cps   |
| Lead       | 207-1 | 2161    | 2272    | 2328    | 2254    | 3.77   | cps   |
| Lead       | 208-1 | 9446    | 10202   | 10402   | 10017   | 5.03   | cps   |
| Lithium    | 6-1   | 952666  | 943788  | 941574  | 946009  | 0.62   | cps   |
| Magnesium  | 24-2  | 55827   | 57701   | 56278   | 56602   | 1.73   | cps   |
| Manganese  | 55-2  | 5351    | 5368    | 5308    | 5342    | 0.58   | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-02 Instrumnet Name : P8  
 Client Sample ID : DC20894-38-FL2-CL5-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 16:58:06 DataFile Name : 094SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 333     | 442     | 292     | 356     | 21.78   | cps   |
| Molybdenum | 95-1  | 200     | 142     | 125     | 156     | 25.31   | cps   |
| Molybdenum | 96-1  | 167     | 258     | 283     | 236     | 26.02   | cps   |
| Molybdenum | 97-1  | 150     | 108     | 225     | 161     | 36.70   | cps   |
| Molybdenum | 98-1  | 217     | 275     | 242     | 244     | 11.97   | cps   |
| Neodymium  | 150-1 | 47      | 67      | 33      | 49      | 34.32   | cps   |
| Neodymium  | 150-2 | 7       | 10      | 13      | 10      | 33.30   | cps   |
| Nickel     | 60-2  | 650     | 583     | 720     | 651     | 10.50   | cps   |
| Phosphorus | 31-2  | 525     | 558     | 483     | 522     | 7.20    | cps   |
| Potassium  | 39-2  | 21693   | 21342   | 20808   | 21281   | 2.09    | cps   |
| Rhodium    | 103-1 | 4954248 | 4965213 | 4873225 | 4930895 | 1.02    | cps   |
| Rhodium    | 103-2 | 1774315 | 1705223 | 1654969 | 1711502 | 3.50    | cps   |
| Scandium   | 45-1  | 3743991 | 3729202 | 3703128 | 3725440 | 0.56    | cps   |
| Scandium   | 45-2  | 38476   | 37798   | 36150   | 37475   | 3.19    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 4       | 7       | 2       | 4       | 65.54   | cps   |
| Selenium   | 82-1  | 90      | -83     | -54     | -16     | -578.75 | cps   |
| Silicon    | 28-1  | 5365712 | 5338440 | 5353407 | 5352519 | 0.26    | cps   |
| Silver     | 109-1 | 133     | 100     | 108     | 114     | 15.23   | cps   |
| Silver     | 107-1 | 167     | 192     | 183     | 181     | 7.05    | cps   |
| Sodium     | 23-2  | 1239505 | 1226846 | 1241565 | 1235972 | 0.64    | cps   |
| Strontium  | 86-1  | 58192   | 56518   | 57422   | 57377   | 1.46    | cps   |
| Strontium  | 88-1  | 489549  | 483689  | 487563  | 486933  | 0.61    | cps   |
| Sulfur     | 34-1  | 592387  | 593807  | 587959  | 591384  | 0.52    | cps   |
| Terbium    | 159-1 | 5257070 | 5179385 | 5274866 | 5237107 | 0.97    | cps   |
| Terbium    | 159-2 | 1663839 | 1659580 | 1577552 | 1633657 | 2.98    | cps   |
| Thallium   | 203-1 | 150     | 175     | 125     | 150     | 16.67   | cps   |
| Thallium   | 205-1 | 283     | 367     | 283     | 311     | 15.47   | cps   |
| Tin        | 118-1 | 583     | 742     | 617     | 647     | 12.90   | cps   |
| Titanium   | 47-1  | 600     | 683     | 775     | 686     | 12.76   | cps   |
| Uranium    | 238-1 | 208     | 292     | 258     | 253     | 16.59   | cps   |
| Vanadium   | 51-2  | 53      | 53      | 73      | 60      | 19.25   | cps   |
| Yttrium    | 89-1  | 5774544 | 5738583 | 5785442 | 5766190 | 0.43    | cps   |
| Yttrium    | 89-2  | 252293  | 246268  | 235083  | 244548  | 3.57    | cps   |
| Zinc       | 66-2  | 7549    | 7339    | 7349    | 7412    | 1.60    | cps   |
| Zirconium  | 90-1  | 642     | 792     | 825     | 753     | 12.97   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-02             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-38-FL2-CL5-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 16:58:06  | DataFile Name :   | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 133  | 125  | 133     | 6.25   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-03 Instrumnet Name : P8  
 Client Sample ID : DC20894-39-FL2-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:01:13 DataFile Name : 095SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 292     | 158     | 242     | 231     | 29.22  | cps   |
| Antimony   | 121-1 | 1667    | 1417    | 1458    | 1514    | 8.85   | cps   |
| Arsenic    | 75-2  | 41      | 39      | 37      | 39      | 4.76   | cps   |
| Barium     | 135-1 | 33494   | 33343   | 33502   | 33446   | 0.27   | cps   |
| Barium     | 137-1 | 58237   | 57760   | 57752   | 57916   | 0.48   | cps   |
| Beryllium  | 9-1   | 44      | 50      | 83      | 59      | 35.49  | cps   |
| Bismuth    | 209-1 | 2727074 | 2711512 | 2688420 | 2709002 | 0.72   | cps   |
| Bismuth    | 209-2 | 1167092 | 1181177 | 1186974 | 1178415 | 0.87   | cps   |
| Boron      | 10-1  | 1225    | 1375    | 1150    | 1250    | 9.17   | cps   |
| Boron      | 11-1  | 6127    | 6177    | 5843    | 6049    | 2.97   | cps   |
| Cadmium    | 111-1 | 925     | 1068    | 1193    | 1062    | 12.66  | cps   |
| Cadmium    | 106-1 | 1300    | 1475    | 1667    | 1481    | 12.39  | cps   |
| Cadmium    | 108-1 | 21      | 21      | 33      | 25      | 28.87  | cps   |
| Calcium    | 43-1  | 157139  | 153194  | 151796  | 154043  | 1.80   | cps   |
| Calcium    | 44-1  | 2628306 | 2640903 | 2615047 | 2628086 | 0.49   | cps   |
| Chromium   | 52-2  | 1063    | 893     | 1047    | 1001    | 9.36   | cps   |
| Cobalt     | 59-2  | 363     | 363     | 323     | 350     | 6.60   | cps   |
| Copper     | 63-2  | 270218  | 271901  | 271761  | 271293  | 0.34   | cps   |
| Dysprosium | 156-1 | 58      | 75      | 75      | 69      | 13.85  | cps   |
| Dysprosium | 156-2 | 17      | 27      | 30      | 24      | 28.38  | cps   |
| Erbium     | 164-1 | 75      | 83      | 50      | 69      | 24.98  | cps   |
| Erbium     | 164-2 | 10      | 7       | 10      | 9       | 21.63  | cps   |
| Gadolinium | 160-1 | 75      | 100     | 75      | 83      | 17.33  | cps   |
| Gadolinium | 160-2 | 23      | 20      | 13      | 19      | 26.96  | cps   |
| Holmium    | 165-1 | 4853465 | 4877487 | 4814583 | 4848512 | 0.65   | cps   |
| Holmium    | 165-2 | 1633838 | 1590205 | 1630169 | 1618071 | 1.50   | cps   |
| Indium     | 115-1 | 5055364 | 5027359 | 5015287 | 5032670 | 0.41   | cps   |
| Indium     | 115-2 | 322328  | 325005  | 327955  | 325096  | 0.87   | cps   |
| Iron       | 56-2  | 22703   | 21534   | 22336   | 22191   | 2.69   | cps   |
| Iron       | 57-2  | 572     | 589     | 594     | 585     | 1.98   | cps   |
| Lead       | 206-1 | 3995    | 3656    | 3445    | 3699    | 7.50   | cps   |
| Lead       | 207-1 | 3201    | 3150    | 3056    | 3136    | 2.34   | cps   |
| Lead       | 208-1 | 14798   | 14509   | 13976   | 14428   | 2.89   | cps   |
| Lithium    | 6-1   | 940361  | 936953  | 928430  | 935248  | 0.66   | cps   |
| Magnesium  | 24-2  | 56154   | 57433   | 55032   | 56206   | 2.14   | cps   |
| Manganese  | 55-2  | 5561    | 5671    | 5301    | 5511    | 3.45   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-03 Instrumnet Name : P8  
 Client Sample ID : DC20894-39-FL2-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:01:13 DataFile Name : 095SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 350     | 358     | 442     | 383     | 13.22  | cps   |
| Molybdenum | 95-1  | 108     | 183     | 150     | 147     | 25.52  | cps   |
| Molybdenum | 96-1  | 258     | 283     | 267     | 269     | 4.72   | cps   |
| Molybdenum | 97-1  | 167     | 208     | 192     | 189     | 11.11  | cps   |
| Molybdenum | 98-1  | 233     | 275     | 292     | 267     | 11.27  | cps   |
| Neodymium  | 150-1 | 53      | 20      | 47      | 40      | 44.10  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 10067   | 10344   | 9900    | 10104   | 2.22   | cps   |
| Phosphorus | 31-2  | 567     | 450     | 467     | 494     | 12.76  | cps   |
| Potassium  | 39-2  | 20616   | 21475   | 20357   | 20816   | 2.81   | cps   |
| Rhodium    | 103-1 | 4888063 | 4920214 | 4943471 | 4917249 | 0.57   | cps   |
| Rhodium    | 103-2 | 1722912 | 1682594 | 1710769 | 1705425 | 1.21   | cps   |
| Scandium   | 45-1  | 3702992 | 3701780 | 3673882 | 3692885 | 0.45   | cps   |
| Scandium   | 45-2  | 36705   | 37376   | 37597   | 37226   | 1.25   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 9       | 9       | 7       | 43.34  | cps   |
| Selenium   | 82-1  | -119    | 79      | 91      | 17      | 692.86 | cps   |
| Silicon    | 28-1  | 5347260 | 5885922 | 5346655 | 5526613 | 5.63   | cps   |
| Silver     | 109-1 | 125     | 142     | 117     | 128     | 9.96   | cps   |
| Silver     | 107-1 | 108     | 125     | 75      | 103     | 24.77  | cps   |
| Sodium     | 23-2  | 1229107 | 1232414 | 1221825 | 1227782 | 0.44   | cps   |
| Strontium  | 86-1  | 56653   | 56836   | 56117   | 56535   | 0.66   | cps   |
| Strontium  | 88-1  | 485478  | 477082  | 482085  | 481548  | 0.88   | cps   |
| Sulfur     | 34-1  | 584780  | 596279  | 590618  | 590559  | 0.97   | cps   |
| Terbium    | 159-1 | 5236219 | 5231172 | 5181556 | 5216316 | 0.58   | cps   |
| Terbium    | 159-2 | 1645492 | 1661231 | 1582218 | 1629647 | 2.57   | cps   |
| Thallium   | 203-1 | 125     | 133     | 142     | 133     | 6.25   | cps   |
| Thallium   | 205-1 | 317     | 400     | 342     | 353     | 12.12  | cps   |
| Tin        | 118-1 | 683     | 608     | 675     | 656     | 6.27   | cps   |
| Titanium   | 47-1  | 700     | 733     | 658     | 697     | 5.39   | cps   |
| Uranium    | 238-1 | 175     | 192     | 300     | 222     | 30.54  | cps   |
| Vanadium   | 51-2  | 73      | 80      | 90      | 81      | 10.34  | cps   |
| Yttrium    | 89-1  | 5754742 | 5659010 | 5707567 | 5707107 | 0.84   | cps   |
| Yttrium    | 89-2  | 246057  | 245510  | 247297  | 246288  | 0.37   | cps   |
| Zinc       | 66-2  | 40874   | 40459   | 42228   | 41187   | 2.25   | cps   |
| Zirconium  | 90-1  | 933     | 892     | 808     | 878     | 7.25   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-03             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-39-FL2-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:01:13  | DataFile Name :   | 095SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 117  | 158  | 178     | 40.96  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-04             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-40-FL2-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:04:22  | DataFile Name :   | 096SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 383     | 333     | 408     | 375     | 10.19  | cps   |
| Antimony   | 121-1 | 633     | 583     | 608     | 608     | 4.11   | cps   |
| Arsenic    | 75-2  | 46      | 59      | 59      | 55      | 13.62  | cps   |
| Barium     | 135-1 | 35030   | 36084   | 36969   | 36028   | 2.69   | cps   |
| Barium     | 137-1 | 62431   | 62608   | 62406   | 62482   | 0.18   | cps   |
| Beryllium  | 9-1   | 61      | 50      | 56      | 56      | 10.00  | cps   |
| Bismuth    | 209-1 | 2718592 | 2709453 | 2727512 | 2718519 | 0.33   | cps   |
| Bismuth    | 209-2 | 1192010 | 1190530 | 1197070 | 1193203 | 0.29   | cps   |
| Boron      | 10-1  | 1275    | 1167    | 1308    | 1250    | 5.93   | cps   |
| Boron      | 11-1  | 5951    | 5551    | 5910    | 5804    | 3.79   | cps   |
| Cadmium    | 111-1 | 1011    | 1061    | 963     | 1012    | 4.88   | cps   |
| Cadmium    | 106-1 | 1442    | 1475    | 1350    | 1422    | 4.55   | cps   |
| Cadmium    | 108-1 | 21      | 13      | 17      | 17      | 24.99  | cps   |
| Calcium    | 43-1  | 151602  | 150929  | 151150  | 151227  | 0.23   | cps   |
| Calcium    | 44-1  | 2609530 | 2581238 | 2564957 | 2585242 | 0.87   | cps   |
| Chromium   | 52-2  | 980     | 937     | 1093    | 1003    | 8.06   | cps   |
| Cobalt     | 59-2  | 153     | 127     | 157     | 146     | 11.30  | cps   |
| Copper     | 63-2  | 282123  | 282620  | 278708  | 281150  | 0.76   | cps   |
| Dysprosium | 156-1 | 67      | 17      | 25      | 36      | 74.18  | cps   |
| Dysprosium | 156-2 | 7       | 17      | 7       | 10      | 57.72  | cps   |
| Erbium     | 164-1 | 75      | 50      | 67      | 64      | 19.92  | cps   |
| Erbium     | 164-2 | 30      | 10      | 10      | 17      | 69.28  | cps   |
| Gadolinium | 160-1 | 167     | 92      | 67      | 108     | 48.04  | cps   |
| Gadolinium | 160-2 | 23      | 17      | 20      | 20      | 16.65  | cps   |
| Holmium    | 165-1 | 4831187 | 4906369 | 4809124 | 4848893 | 1.05   | cps   |
| Holmium    | 165-2 | 1655343 | 1657075 | 1701713 | 1671377 | 1.57   | cps   |
| Indium     | 115-1 | 4898659 | 5021983 | 4946967 | 4955870 | 1.25   | cps   |
| Indium     | 115-2 | 324733  | 329847  | 328375  | 327652  | 0.80   | cps   |
| Iron       | 56-2  | 21572   | 20394   | 21142   | 21036   | 2.83   | cps   |
| Iron       | 57-2  | 572     | 522     | 544     | 546     | 4.59   | cps   |
| Lead       | 206-1 | 3284    | 3289    | 3023    | 3199    | 4.77   | cps   |
| Lead       | 207-1 | 2706    | 2706    | 2706    | 2706    | 0.00   | cps   |
| Lead       | 208-1 | 12586   | 12419   | 12136   | 12381   | 1.84   | cps   |
| Lithium    | 6-1   | 919144  | 942029  | 935624  | 932266  | 1.27   | cps   |
| Magnesium  | 24-2  | 54757   | 55267   | 55100   | 55041   | 0.47   | cps   |
| Manganese  | 55-2  | 5084    | 4951    | 4577    | 4871    | 5.39   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-04 Instrumnet Name : P8  
 Client Sample ID : DC20894-40-FL2-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:04:22 DataFile Name : 096SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 400     | 308     | 483     | 397     | 22.04   | cps   |
| Molybdenum | 95-1  | 150     | 175     | 208     | 178     | 16.46   | cps   |
| Molybdenum | 96-1  | 342     | 142     | 300     | 261     | 40.41   | cps   |
| Molybdenum | 97-1  | 142     | 175     | 200     | 172     | 16.99   | cps   |
| Molybdenum | 98-1  | 242     | 283     | 300     | 275     | 10.93   | cps   |
| Neodymium  | 150-1 | 40      | 47      | 60      | 49      | 20.83   | cps   |
| Neodymium  | 150-2 | 10      | 0       | 7       | 6       | 91.64   | cps   |
| Nickel     | 60-2  | 1197    | 1287    | 1177    | 1220    | 4.80    | cps   |
| Phosphorus | 31-2  | 517     | 442     | 533     | 497     | 9.82    | cps   |
| Potassium  | 39-2  | 21058   | 20466   | 20591   | 20705   | 1.51    | cps   |
| Rhodium    | 103-1 | 4956268 | 4962140 | 4938093 | 4952167 | 0.25    | cps   |
| Rhodium    | 103-2 | 1739538 | 1715600 | 1706143 | 1720427 | 1.00    | cps   |
| Scandium   | 45-1  | 3684778 | 3755286 | 3639472 | 3693179 | 1.58    | cps   |
| Scandium   | 45-2  | 38135   | 38690   | 38232   | 38352   | 0.77    | cps   |
| Selenium   | 77-2  | 0       | 7       | 0       | 2       | 173.21  | cps   |
| Selenium   | 78-2  | 2       | 2       | 6       | 3       | 69.39   | cps   |
| Selenium   | 82-1  | 4       | -26     | -1      | -8      | -207.29 | cps   |
| Silicon    | 28-1  | 5825805 | 5319001 | 5393916 | 5512908 | 4.96    | cps   |
| Silver     | 109-1 | 192     | 133     | 142     | 156     | 20.28   | cps   |
| Silver     | 107-1 | 100     | 133     | 225     | 153     | 42.37   | cps   |
| Sodium     | 23-2  | 1235982 | 1205161 | 1227132 | 1222758 | 1.30    | cps   |
| Strontium  | 86-1  | 58837   | 57589   | 57105   | 57844   | 1.54    | cps   |
| Strontium  | 88-1  | 488726  | 491156  | 487304  | 489062  | 0.40    | cps   |
| Sulfur     | 34-1  | 583563  | 580902  | 582599  | 582355  | 0.23    | cps   |
| Terbium    | 159-1 | 5209862 | 5247120 | 5195289 | 5217424 | 0.51    | cps   |
| Terbium    | 159-2 | 1644889 | 1676888 | 1673529 | 1665102 | 1.06    | cps   |
| Thallium   | 203-1 | 133     | 125     | 142     | 133     | 6.25    | cps   |
| Thallium   | 205-1 | 283     | 392     | 325     | 333     | 16.39   | cps   |
| Tin        | 118-1 | 633     | 767     | 492     | 631     | 21.81   | cps   |
| Titanium   | 47-1  | 658     | 13242   | 1503    | 5134    | 137.00  | cps   |
| Uranium    | 238-1 | 233     | 325     | 192     | 250     | 27.28   | cps   |
| Vanadium   | 51-2  | 83      | 57      | 57      | 66      | 23.49   | cps   |
| Yttrium    | 89-1  | 5742640 | 5826220 | 5730952 | 5766604 | 0.90    | cps   |
| Yttrium    | 89-2  | 250921  | 248432  | 248654  | 249336  | 0.55    | cps   |
| Zinc       | 66-2  | 7856    | 7579    | 7979    | 7805    | 2.63    | cps   |
| Zirconium  | 90-1  | 917     | 758     | 808     | 828     | 9.78    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-04             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-40-FL2-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:04:22  | DataFile Name :   | 096SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 158  | 167  | 186     | 22.09  | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-05 Instrumnet Name : P8  
 Client Sample ID : DC20894-41-FL2-BRCL5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:07:31 DataFile Name : 097SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 475     | 592     | 367     | 478     | 23.55  | cps   |
| Antimony   | 121-1 | 508     | 508     | 617     | 544     | 11.49  | cps   |
| Arsenic    | 75-2  | 41      | 54      | 46      | 47      | 13.86  | cps   |
| Barium     | 135-1 | 35239   | 34070   | 33276   | 34195   | 2.89   | cps   |
| Barium     | 137-1 | 60489   | 61167   | 60665   | 60774   | 0.58   | cps   |
| Beryllium  | 9-1   | 72      | 78      | 61      | 70      | 12.06  | cps   |
| Bismuth    | 209-1 | 2718677 | 2726135 | 2721736 | 2722183 | 0.14   | cps   |
| Bismuth    | 209-2 | 1157822 | 1185527 | 1177238 | 1173529 | 1.21   | cps   |
| Boron      | 10-1  | 1192    | 1450    | 1217    | 1286    | 11.08  | cps   |
| Boron      | 11-1  | 6343    | 5718    | 5977    | 6013    | 5.23   | cps   |
| Cadmium    | 111-1 | 999     | 1015    | 817     | 944     | 11.67  | cps   |
| Cadmium    | 106-1 | 1408    | 1409    | 1175    | 1331    | 10.13  | cps   |
| Cadmium    | 108-1 | 17      | 13      | 8       | 13      | 33.36  | cps   |
| Calcium    | 43-1  | 149481  | 152401  | 148478  | 150120  | 1.36   | cps   |
| Calcium    | 44-1  | 2565042 | 2551630 | 2544169 | 2553614 | 0.41   | cps   |
| Chromium   | 52-2  | 940     | 950     | 983     | 958     | 2.37   | cps   |
| Cobalt     | 59-2  | 120     | 110     | 153     | 128     | 17.76  | cps   |
| Copper     | 63-2  | 285818  | 282405  | 283589  | 283937  | 0.61   | cps   |
| Dysprosium | 156-1 | 0       | 25      | 67      | 31      | 110.22 | cps   |
| Dysprosium | 156-2 | 13      | 17      | 13      | 14      | 13.35  | cps   |
| Erbium     | 164-1 | 67      | 58      | 42      | 56      | 22.91  | cps   |
| Erbium     | 164-2 | 10      | 33      | 17      | 20      | 60.08  | cps   |
| Gadolinium | 160-1 | 117     | 133     | 133     | 128     | 7.53   | cps   |
| Gadolinium | 160-2 | 30      | 13      | 20      | 21      | 39.75  | cps   |
| Holmium    | 165-1 | 4855923 | 4862820 | 4900264 | 4873002 | 0.49   | cps   |
| Holmium    | 165-2 | 1619888 | 1656954 | 1657264 | 1644702 | 1.31   | cps   |
| Indium     | 115-1 | 5001186 | 5064156 | 5057434 | 5040925 | 0.69   | cps   |
| Indium     | 115-2 | 313800  | 324972  | 327624  | 322132  | 2.28   | cps   |
| Iron       | 56-2  | 26131   | 26097   | 26532   | 26253   | 0.92   | cps   |
| Iron       | 57-2  | 678     | 678     | 578     | 644     | 8.96   | cps   |
| Lead       | 206-1 | 2384    | 2434    | 2211    | 2343    | 4.98   | cps   |
| Lead       | 207-1 | 2095    | 1950    | 1845    | 1963    | 6.39   | cps   |
| Lead       | 208-1 | 9307    | 9185    | 8974    | 9155    | 1.84   | cps   |
| Lithium    | 6-1   | 937044  | 935144  | 953493  | 941894  | 1.07   | cps   |
| Magnesium  | 24-2  | 56664   | 54798   | 55509   | 55657   | 1.69   | cps   |
| Manganese  | 55-2  | 5658    | 5825    | 5461    | 5648    | 3.22   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-41-FL2-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:07:31  | DataFile Name :   | 097SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 400     | 317     | 367     | 361     | 11.62  | cps   |
| Molybdenum | 95-1  | 208     | 150     | 192     | 183     | 16.39  | cps   |
| Molybdenum | 96-1  | 300     | 233     | 200     | 244     | 20.83  | cps   |
| Molybdenum | 97-1  | 142     | 92      | 142     | 125     | 23.09  | cps   |
| Molybdenum | 98-1  | 292     | 233     | 275     | 267     | 11.27  | cps   |
| Neodymium  | 150-1 | 40      | 40      | 40      | 40      | 0.00   | cps   |
| Neodymium  | 150-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Nickel     | 60-2  | 367     | 307     | 380     | 351     | 11.12  | cps   |
| Phosphorus | 31-2  | 392     | 567     | 567     | 508     | 19.88  | cps   |
| Potassium  | 39-2  | 20733   | 20666   | 20265   | 20555   | 1.23   | cps   |
| Rhodium    | 103-1 | 4929338 | 4908343 | 4977400 | 4938360 | 0.72   | cps   |
| Rhodium    | 103-2 | 1663238 | 1708800 | 1735116 | 1702385 | 2.14   | cps   |
| Scandium   | 45-1  | 3640965 | 3635020 | 3710344 | 3662110 | 1.14   | cps   |
| Scandium   | 45-2  | 37290   | 37123   | 37804   | 37406   | 0.95   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 7       | 0       | 7       | 5       | 86.60  | cps   |
| Selenium   | 82-1  | -16     | -41     | -68     | -42     | -61.57 | cps   |
| Silicon    | 28-1  | 5392652 | 5331392 | 5486587 | 5403543 | 1.45   | cps   |
| Silver     | 109-1 | 158     | 125     | 142     | 142     | 11.76  | cps   |
| Silver     | 107-1 | 142     | 92      | 108     | 114     | 22.35  | cps   |
| Sodium     | 23-2  | 1240770 | 1224271 | 1216682 | 1227241 | 1.00   | cps   |
| Strontium  | 86-1  | 56736   | 57071   | 56359   | 56722   | 0.63   | cps   |
| Strontium  | 88-1  | 474424  | 478432  | 473005  | 475287  | 0.59   | cps   |
| Sulfur     | 34-1  | 581962  | 581301  | 575498  | 579587  | 0.61   | cps   |
| Terbium    | 159-1 | 5256735 | 5255369 | 5174785 | 5228963 | 0.90   | cps   |
| Terbium    | 159-2 | 1576686 | 1641642 | 1683218 | 1633849 | 3.29   | cps   |
| Thallium   | 203-1 | 200     | 83      | 150     | 144     | 40.52  | cps   |
| Thallium   | 205-1 | 217     | 342     | 367     | 308     | 26.06  | cps   |
| Tin        | 118-1 | 633     | 517     | 525     | 558     | 11.66  | cps   |
| Titanium   | 47-1  | 700     | 617     | 1075    | 797     | 30.64  | cps   |
| Uranium    | 238-1 | 308     | 233     | 183     | 242     | 26.03  | cps   |
| Vanadium   | 51-2  | 87      | 80      | 97      | 88      | 9.56   | cps   |
| Yttrium    | 89-1  | 5710973 | 5725918 | 5803496 | 5746796 | 0.86   | cps   |
| Yttrium    | 89-2  | 234663  | 245090  | 247498  | 242417  | 2.81   | cps   |
| Zinc       | 66-2  | 4681    | 4748    | 4761    | 4730    | 0.91   | cps   |
| Zirconium  | 90-1  | 733     | 817     | 842     | 797     | 7.12   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-41-FL2-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:07:31  | DataFile Name :   | 097SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2266 | 108  | 150  | 841     | 146.64 | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-06             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-42-FL2-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:10:40  | DataFile Name :   | 098SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 558     | 508     | 592     | 553     | 7.59   | cps   |
| Antimony   | 121-1 | 625     | 658     | 475     | 586     | 16.66  | cps   |
| Arsenic    | 75-2  | 33      | 41      | 39      | 38      | 10.24  | cps   |
| Barium     | 135-1 | 36259   | 35457   | 36752   | 36156   | 1.81   | cps   |
| Barium     | 137-1 | 61318   | 61611   | 62884   | 61938   | 1.34   | cps   |
| Beryllium  | 9-1   | 61      | 72      | 67      | 67      | 8.33   | cps   |
| Bismuth    | 209-1 | 2773940 | 2769066 | 2678769 | 2740592 | 1.96   | cps   |
| Bismuth    | 209-2 | 1187311 | 1199344 | 1174929 | 1187195 | 1.03   | cps   |
| Boron      | 10-1  | 1442    | 1342    | 1342    | 1375    | 4.20   | cps   |
| Boron      | 11-1  | 5718    | 6560    | 6002    | 6093    | 7.03   | cps   |
| Cadmium    | 111-1 | 1039    | 928     | 1092    | 1020    | 8.19   | cps   |
| Cadmium    | 106-1 | 1467    | 1325    | 1558    | 1450    | 8.11   | cps   |
| Cadmium    | 108-1 | 13      | 17      | 4       | 11      | 57.27  | cps   |
| Calcium    | 43-1  | 149100  | 147207  | 147528  | 147945  | 0.68   | cps   |
| Calcium    | 44-1  | 2540986 | 2523236 | 2540103 | 2534775 | 0.39   | cps   |
| Chromium   | 52-2  | 980     | 1077    | 1103    | 1053    | 6.16   | cps   |
| Cobalt     | 59-2  | 140     | 143     | 157     | 147     | 6.01   | cps   |
| Copper     | 63-2  | 270256  | 271269  | 267294  | 269606  | 0.77   | cps   |
| Dysprosium | 156-1 | 42      | 33      | 58      | 44      | 28.65  | cps   |
| Dysprosium | 156-2 | 10      | 27      | 7       | 14      | 74.18  | cps   |
| Erbium     | 164-1 | 42      | 58      | 42      | 47      | 20.38  | cps   |
| Erbium     | 164-2 | 10      | 20      | 40      | 23      | 65.47  | cps   |
| Gadolinium | 160-1 | 125     | 117     | 125     | 122     | 3.94   | cps   |
| Gadolinium | 160-2 | 40      | 33      | 23      | 32      | 26.04  | cps   |
| Holmium    | 165-1 | 4817618 | 4922587 | 4721223 | 4820476 | 2.09   | cps   |
| Holmium    | 165-2 | 1654363 | 1676280 | 1670912 | 1667185 | 0.69   | cps   |
| Indium     | 115-1 | 5088269 | 5061965 | 5008192 | 5052808 | 0.81   | cps   |
| Indium     | 115-2 | 328537  | 327945  | 329211  | 328564  | 0.19   | cps   |
| Iron       | 56-2  | 25418   | 25029   | 28557   | 26335   | 7.35   | cps   |
| Iron       | 57-2  | 1151    | 572     | 733     | 819     | 36.49  | cps   |
| Lead       | 206-1 | 2584    | 2423    | 2567    | 2524    | 3.51   | cps   |
| Lead       | 207-1 | 2111    | 2078    | 2323    | 2171    | 6.11   | cps   |
| Lead       | 208-1 | 9924    | 9757    | 10174   | 9952    | 2.11   | cps   |
| Lithium    | 6-1   | 927123  | 937007  | 916753  | 926961  | 1.09   | cps   |
| Magnesium  | 24-2  | 54590   | 55501   | 55694   | 55261   | 1.07   | cps   |
| Manganese  | 55-2  | 5501    | 5338    | 5695    | 5511    | 3.24   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-06             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-42-FL2-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:10:40  | DataFile Name :   | 098SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 292     | 383     | 375     | 350     | 14.48  | cps   |
| Molybdenum | 95-1  | 167     | 167     | 125     | 153     | 15.75  | cps   |
| Molybdenum | 96-1  | 258     | 342     | 300     | 300     | 13.89  | cps   |
| Molybdenum | 97-1  | 175     | 183     | 100     | 153     | 30.04  | cps   |
| Molybdenum | 98-1  | 258     | 333     | 267     | 286     | 14.37  | cps   |
| Neodymium  | 150-1 | 87      | 40      | 47      | 58      | 43.68  | cps   |
| Neodymium  | 150-2 | 10      | 17      | 0       | 9       | 94.38  | cps   |
| Nickel     | 60-2  | 280     | 290     | 300     | 290     | 3.45   | cps   |
| Phosphorus | 31-2  | 517     | 500     | 417     | 478     | 11.21  | cps   |
| Potassium  | 39-2  | 20800   | 21133   | 20574   | 20836   | 1.35   | cps   |
| Rhodium    | 103-1 | 4927875 | 4939577 | 4825931 | 4897794 | 1.28   | cps   |
| Rhodium    | 103-2 | 1722166 | 1717592 | 1741355 | 1727038 | 0.73   | cps   |
| Scandium   | 45-1  | 3730356 | 3645518 | 3631120 | 3668998 | 1.46   | cps   |
| Scandium   | 45-2  | 37610   | 37360   | 38780   | 37917   | 2.00   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 7       | 7       | 4       | 6       | 34.70  | cps   |
| Selenium   | 82-1  | -81     | -30     | -86     | -66     | -46.63 | cps   |
| Silicon    | 28-1  | 5337314 | 5330067 | 5341821 | 5336401 | 0.11   | cps   |
| Silver     | 109-1 | 125     | 108     | 142     | 125     | 13.33  | cps   |
| Silver     | 107-1 | 150     | 83      | 125     | 119     | 28.20  | cps   |
| Sodium     | 23-2  | 1229205 | 1229549 | 1229653 | 1229469 | 0.02   | cps   |
| Strontium  | 86-1  | 56225   | 55037   | 56367   | 55876   | 1.31   | cps   |
| Strontium  | 88-1  | 476464  | 472624  | 478018  | 475702  | 0.58   | cps   |
| Sulfur     | 34-1  | 580072  | 575100  | 575775  | 576982  | 0.47   | cps   |
| Terbium    | 159-1 | 5226706 | 5212145 | 5105427 | 5181426 | 1.28   | cps   |
| Terbium    | 159-2 | 1604832 | 1673411 | 1655094 | 1644446 | 2.16   | cps   |
| Thallium   | 203-1 | 150     | 158     | 142     | 150     | 5.56   | cps   |
| Thallium   | 205-1 | 408     | 300     | 408     | 372     | 16.80  | cps   |
| Tin        | 118-1 | 683     | 683     | 675     | 681     | 0.71   | cps   |
| Titanium   | 47-1  | 700     | 625     | 733     | 686     | 8.09   | cps   |
| Uranium    | 238-1 | 317     | 242     | 167     | 242     | 31.04  | cps   |
| Vanadium   | 51-2  | 50      | 67      | 50      | 56      | 17.32  | cps   |
| Yttrium    | 89-1  | 5790654 | 5775620 | 5640363 | 5735546 | 1.44   | cps   |
| Yttrium    | 89-2  | 246176  | 248803  | 249901  | 248293  | 0.77   | cps   |
| Zinc       | 66-2  | 4564    | 4351    | 4417    | 4444    | 2.46   | cps   |
| Zirconium  | 90-1  | 567     | 650     | 717     | 644     | 11.66  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-06             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-42-FL2-BRCL5 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:10:40  | DataFile Name :   | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 233  | 225  | 214     | 12.53  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-07 Instrumnet Name : P8  
 Client Sample ID : DC20894-43-FL2-PLG-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:13:48 DataFile Name : 099SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 192     | 200     | 142     | 178     | 17.74  | cps   |
| Antimony   | 121-1 | 350     | 542     | 408     | 433     | 22.67  | cps   |
| Arsenic    | 75-2  | 33      | 35      | 31      | 33      | 5.57   | cps   |
| Barium     | 135-1 | 31765   | 32675   | 30411   | 31617   | 3.60   | cps   |
| Barium     | 137-1 | 56464   | 55585   | 54179   | 55409   | 2.08   | cps   |
| Beryllium  | 9-1   | 28      | 50      | 61      | 46      | 36.66  | cps   |
| Bismuth    | 209-1 | 2773416 | 2762729 | 2694415 | 2743520 | 1.56   | cps   |
| Bismuth    | 209-2 | 1203689 | 1188364 | 1204301 | 1198784 | 0.75   | cps   |
| Boron      | 10-1  | 1217    | 1442    | 1233    | 1297    | 9.66   | cps   |
| Boron      | 11-1  | 5776    | 6427    | 5868    | 6024    | 5.84   | cps   |
| Cadmium    | 111-1 | 988     | 940     | 1083    | 1003    | 7.23   | cps   |
| Cadmium    | 106-1 | 1409    | 1333    | 1517    | 1420    | 6.49   | cps   |
| Cadmium    | 108-1 | 33      | 8       | 0       | 14      | 124.91 | cps   |
| Calcium    | 43-1  | 149919  | 150356  | 146114  | 148797  | 1.57   | cps   |
| Calcium    | 44-1  | 2616991 | 2547012 | 2563081 | 2575695 | 1.42   | cps   |
| Chromium   | 52-2  | 1093    | 1037    | 973     | 1035    | 5.80   | cps   |
| Cobalt     | 59-2  | 90      | 83      | 137     | 103     | 28.12  | cps   |
| Copper     | 63-2  | 298284  | 299199  | 297492  | 298325  | 0.29   | cps   |
| Dysprosium | 156-1 | 67      | 75      | 58      | 67      | 12.49  | cps   |
| Dysprosium | 156-2 | 27      | 3       | 23      | 18      | 71.00  | cps   |
| Erbium     | 164-1 | 100     | 117     | 75      | 97      | 21.57  | cps   |
| Erbium     | 164-2 | 17      | 7       | 13      | 12      | 41.65  | cps   |
| Gadolinium | 160-1 | 92      | 167     | 167     | 142     | 30.57  | cps   |
| Gadolinium | 160-2 | 40      | 30      | 33      | 34      | 14.78  | cps   |
| Holmium    | 165-1 | 4947108 | 4878439 | 4854835 | 4893461 | 0.98   | cps   |
| Holmium    | 165-2 | 1689591 | 1681492 | 1695305 | 1688796 | 0.41   | cps   |
| Indium     | 115-1 | 5066662 | 5038723 | 5055889 | 5053758 | 0.28   | cps   |
| Indium     | 115-2 | 332897  | 330120  | 330483  | 331166  | 0.46   | cps   |
| Iron       | 56-2  | 24652   | 23259   | 25371   | 24427   | 4.39   | cps   |
| Iron       | 57-2  | 611     | 639     | 589     | 613     | 4.09   | cps   |
| Lead       | 206-1 | 1400    | 1606    | 1589    | 1532    | 7.46   | cps   |
| Lead       | 207-1 | 1378    | 1256    | 1217    | 1283    | 6.55   | cps   |
| Lead       | 208-1 | 5895    | 5673    | 5845    | 5804    | 2.01   | cps   |
| Lithium    | 6-1   | 947252  | 949185  | 927907  | 941448  | 1.25   | cps   |
| Magnesium  | 24-2  | 55551   | 56681   | 55258   | 55830   | 1.35   | cps   |
| Manganese  | 55-2  | 5865    | 5835    | 5338    | 5679    | 5.21   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-07             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-43-FL2-PLG-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:13:48  | DataFile Name :   | 099SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 450     | 400     | 442     | 431     | 6.22   | cps   |
| Molybdenum | 95-1  | 108     | 175     | 183     | 156     | 26.43  | cps   |
| Molybdenum | 96-1  | 250     | 342     | 200     | 264     | 27.23  | cps   |
| Molybdenum | 97-1  | 183     | 133     | 150     | 156     | 16.37  | cps   |
| Molybdenum | 98-1  | 317     | 233     | 217     | 256     | 20.96  | cps   |
| Neodymium  | 150-1 | 127     | 47      | 33      | 69      | 73.28  | cps   |
| Neodymium  | 150-2 | 13      | 10      | 17      | 13      | 25.01  | cps   |
| Nickel     | 60-2  | 260     | 263     | 277     | 267     | 3.31   | cps   |
| Phosphorus | 31-2  | 633     | 583     | 483     | 567     | 13.48  | cps   |
| Potassium  | 39-2  | 20616   | 21050   | 20924   | 20863   | 1.07   | cps   |
| Rhodium    | 103-1 | 5051277 | 4992965 | 4965845 | 5003362 | 0.87   | cps   |
| Rhodium    | 103-2 | 1757298 | 1727224 | 1733476 | 1739333 | 0.91   | cps   |
| Scandium   | 45-1  | 3702865 | 3717967 | 3681641 | 3700824 | 0.49   | cps   |
| Scandium   | 45-2  | 38449   | 37858   | 37918   | 38075   | 0.85   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 0       | 4       | 6       | 3       | 91.69  | cps   |
| Selenium   | 82-1  | -97     | -64     | -23     | -61     | -60.81 | cps   |
| Silicon    | 28-1  | 5338337 | 5375973 | 5323321 | 5345877 | 0.51   | cps   |
| Silver     | 109-1 | 83      | 125     | 125     | 111     | 21.65  | cps   |
| Silver     | 107-1 | 117     | 92      | 75      | 94      | 22.21  | cps   |
| Sodium     | 23-2  | 1237819 | 1228903 | 1241736 | 1236153 | 0.53   | cps   |
| Strontium  | 86-1  | 55631   | 54527   | 53832   | 54663   | 1.66   | cps   |
| Strontium  | 88-1  | 468035  | 466258  | 457706  | 463999  | 1.19   | cps   |
| Sulfur     | 34-1  | 577745  | 585569  | 582286  | 581867  | 0.68   | cps   |
| Terbium    | 159-1 | 5315986 | 5283506 | 5268184 | 5289225 | 0.46   | cps   |
| Terbium    | 159-2 | 1699461 | 1676830 | 1679814 | 1685369 | 0.73   | cps   |
| Thallium   | 203-1 | 108     | 183     | 200     | 164     | 29.79  | cps   |
| Thallium   | 205-1 | 258     | 342     | 275     | 292     | 15.12  | cps   |
| Tin        | 118-1 | 458     | 392     | 408     | 419     | 8.27   | cps   |
| Titanium   | 47-1  | 1175    | 700     | 783     | 886     | 28.63  | cps   |
| Uranium    | 238-1 | 242     | 267     | 225     | 244     | 8.58   | cps   |
| Vanadium   | 51-2  | 50      | 67      | 73      | 63      | 18.98  | cps   |
| Yttrium    | 89-1  | 5875261 | 5779480 | 5760645 | 5805128 | 1.06   | cps   |
| Yttrium    | 89-2  | 252181  | 249674  | 252266  | 251373  | 0.59   | cps   |
| Zinc       | 66-2  | 4127    | 3967    | 4414    | 4170    | 5.43   | cps   |
| Zirconium  | 90-1  | 925     | 1075    | 1042    | 1014    | 7.77   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-07             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-43-FL2-PLG-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:13:48  | DataFile Name :   | 099SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 292  | 250  | 253     | 14.86  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:16:56 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 83      | 133     | 75      | 97      | 32.45  | cps   |
| Antimony   | 121-1 | 25      | 50      | 42      | 39      | 32.73  | cps   |
| Arsenic    | 75-2  | 2       | 4       | 13      | 6       | 96.48  | cps   |
| Barium     | 135-1 | 50      | 25      | 42      | 39      | 32.73  | cps   |
| Barium     | 137-1 | 92      | 100     | 67      | 86      | 20.15  | cps   |
| Beryllium  | 9-1   | 72      | 33      | 39      | 48      | 43.68  | cps   |
| Bismuth    | 209-1 | 2556274 | 2523131 | 2561931 | 2547112 | 0.82   | cps   |
| Bismuth    | 209-2 | 1124663 | 1117526 | 1106302 | 1116163 | 0.83   | cps   |
| Boron      | 10-1  | 475     | 542     | 517     | 511     | 6.59   | cps   |
| Boron      | 11-1  | 2000    | 2509    | 2275    | 2261    | 11.25  | cps   |
| Cadmium    | 111-1 | 969     | 933     | 883     | 928     | 4.62   | cps   |
| Cadmium    | 106-1 | 1375    | 1317    | 1258    | 1317    | 4.43   | cps   |
| Cadmium    | 108-1 | 21      | 8       | 8       | 12      | 57.75  | cps   |
| Calcium    | 43-1  | 5368    | 5268    | 5401    | 5346    | 1.30   | cps   |
| Calcium    | 44-1  | 88295   | 88537   | 86115   | 87649   | 1.52   | cps   |
| Chromium   | 52-2  | 873     | 960     | 927     | 920     | 4.75   | cps   |
| Cobalt     | 59-2  | 113     | 93      | 127     | 111     | 15.10  | cps   |
| Copper     | 63-2  | 610     | 540     | 560     | 570     | 6.33   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 42      | 22      | 78.07  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 10      | 3       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 33      | 0       | 19      | 89.21  | cps   |
| Erbium     | 164-2 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 58      | 17      | 25      | 33      | 66.14  | cps   |
| Gadolinium | 160-2 | 13      | 10      | 10      | 11      | 17.30  | cps   |
| Holmium    | 165-1 | 4561073 | 4484362 | 4536303 | 4527246 | 0.86   | cps   |
| Holmium    | 165-2 | 1516140 | 1514421 | 1490178 | 1506913 | 0.96   | cps   |
| Indium     | 115-1 | 4711961 | 4733630 | 4684240 | 4709943 | 0.53   | cps   |
| Indium     | 115-2 | 309097  | 308870  | 305976  | 307981  | 0.57   | cps   |
| Iron       | 56-2  | 3478    | 3428    | 3351    | 3419    | 1.88   | cps   |
| Iron       | 57-2  | 83      | 83      | 100     | 89      | 10.82  | cps   |
| Lead       | 206-1 | 1951192 | 2003569 | 1989782 | 1981514 | 1.37   | cps   |
| Lead       | 207-1 | 1766558 | 1830972 | 1780127 | 1792552 | 1.89   | cps   |
| Lead       | 208-1 | 7876480 | 8108217 | 7961715 | 7982137 | 1.47   | cps   |
| Lithium    | 6-1   | 845487  | 833365  | 853801  | 844217  | 1.22   | cps   |
| Magnesium  | 24-2  | 83      | 133     | 92      | 103     | 26.06  | cps   |
| Manganese  | 55-2  | 50      | 93      | 40      | 61      | 46.39  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:16:56 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 133     | 133     | 142     | 136     | 3.53   | cps   |
| Molybdenum | 95-1  | 17      | 8       | 0       | 8       | 100.02 | cps   |
| Molybdenum | 96-1  | 67      | 75      | 67      | 69      | 6.93   | cps   |
| Molybdenum | 97-1  | 50      | 100     | 67      | 72      | 35.26  | cps   |
| Molybdenum | 98-1  | 42      | 17      | 42      | 33      | 43.30  | cps   |
| Neodymium  | 150-1 | 7       | 13      | 13      | 11      | 34.61  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 77      | 57      | 120     | 84      | 38.34  | cps   |
| Phosphorus | 31-2  | 33      | 8       | 17      | 19      | 65.48  | cps   |
| Potassium  | 39-2  | 4759    | 4934    | 4468    | 4720    | 5.00   | cps   |
| Rhodium    | 103-1 | 4586988 | 4505713 | 4685059 | 4592587 | 1.96   | cps   |
| Rhodium    | 103-2 | 1651489 | 1641609 | 1605500 | 1632866 | 1.48   | cps   |
| Scandium   | 45-1  | 3473358 | 3406226 | 3415935 | 3431840 | 1.06   | cps   |
| Scandium   | 45-2  | 35432   | 36394   | 35381   | 35736   | 1.60   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 7       | 9       | 0       | 6       | 88.19  | cps   |
| Selenium   | 82-1  | -63     | 13      | 93      | 14      | 538.70 | cps   |
| Silicon    | 28-1  | 543959  | 537650  | 538205  | 539938  | 0.65   | cps   |
| Silver     | 109-1 | 75      | 58      | 100     | 78      | 26.96  | cps   |
| Silver     | 107-1 | 133     | 83      | 117     | 111     | 22.91  | cps   |
| Sodium     | 23-2  | 9262    | 8720    | 8753    | 8911    | 3.41   | cps   |
| Strontium  | 86-1  | 1208    | 1367    | 1333    | 1303    | 6.41   | cps   |
| Strontium  | 88-1  | 208     | 217     | 183     | 203     | 8.56   | cps   |
| Sulfur     | 34-1  | 528914  | 515932  | 519391  | 521412  | 1.29   | cps   |
| Terbium    | 159-1 | 4829080 | 4866731 | 4851655 | 4849155 | 0.39   | cps   |
| Terbium    | 159-2 | 1495750 | 1498729 | 1480362 | 1491614 | 0.66   | cps   |
| Thallium   | 203-1 | 142     | 150     | 92      | 128     | 24.69  | cps   |
| Thallium   | 205-1 | 275     | 325     | 325     | 308     | 9.36   | cps   |
| Tin        | 118-1 | 2467    | 3776    | 2134    | 2792    | 31.08  | cps   |
| Titanium   | 47-1  | 292     | 225     | 233     | 250     | 14.53  | cps   |
| Uranium    | 238-1 | 42      | 50      | 17      | 36      | 48.03  | cps   |
| Vanadium   | 51-2  | 20      | 33      | 10      | 21      | 55.45  | cps   |
| Yttrium    | 89-1  | 5382150 | 5297178 | 5351292 | 5343540 | 0.80   | cps   |
| Yttrium    | 89-2  | 233379  | 235976  | 231208  | 233521  | 1.02   | cps   |
| Zinc       | 66-2  | 73      | 70      | 83      | 76      | 9.19   | cps   |
| Zirconium  | 90-1  | 325     | 500     | 375     | 400     | 22.54  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:16:56 | DataFile Name :   | 100SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 67   | 92   | 83   | 81      | 15.80  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:20:05 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 25      | 25      | 28      | 17.31  | cps   |
| Antimony   | 121-1 | 33      | 50      | 50      | 44      | 21.66  | cps   |
| Arsenic    | 75-2  | 6       | 6       | 0       | 4       | 86.60  | cps   |
| Barium     | 135-1 | 50      | 8       | 33      | 31      | 68.64  | cps   |
| Barium     | 137-1 | 42      | 67      | 67      | 58      | 24.74  | cps   |
| Beryllium  | 9-1   | 50      | 78      | 33      | 54      | 41.81  | cps   |
| Bismuth    | 209-1 | 2502729 | 2563783 | 2533782 | 2533431 | 1.21   | cps   |
| Bismuth    | 209-2 | 1121957 | 1110711 | 1115550 | 1116073 | 0.51   | cps   |
| Boron      | 10-1  | 292     | 383     | 383     | 353     | 15.00  | cps   |
| Boron      | 11-1  | 1600    | 1492    | 1500    | 1531    | 3.94   | cps   |
| Cadmium    | 111-1 | 795     | 995     | 797     | 862     | 13.28  | cps   |
| Cadmium    | 106-1 | 1117    | 1425    | 1133    | 1225    | 14.16  | cps   |
| Cadmium    | 108-1 | 4       | 4       | 13      | 7       | 69.23  | cps   |
| Calcium    | 43-1  | 5676    | 5660    | 5068    | 5468    | 6.34   | cps   |
| Calcium    | 44-1  | 87808   | 86979   | 86860   | 87216   | 0.59   | cps   |
| Chromium   | 52-2  | 950     | 1060    | 1100    | 1037    | 7.49   | cps   |
| Cobalt     | 59-2  | 60      | 110     | 77      | 82      | 30.96  | cps   |
| Copper     | 63-2  | 630     | 577     | 583     | 597     | 4.87   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 0       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 8       | 8       | 17      | 11      | 43.34  | cps   |
| Erbium     | 164-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Gadolinium | 160-1 | 42      | 33      | 58      | 44      | 28.64  | cps   |
| Gadolinium | 160-2 | 0       | 10      | 10      | 7       | 86.60  | cps   |
| Holmium    | 165-1 | 4468007 | 4535680 | 4453680 | 4485789 | 0.98   | cps   |
| Holmium    | 165-2 | 1515252 | 1507277 | 1496715 | 1506415 | 0.62   | cps   |
| Indium     | 115-1 | 4737741 | 4679229 | 4656517 | 4691163 | 0.89   | cps   |
| Indium     | 115-2 | 310870  | 306431  | 306510  | 307937  | 0.83   | cps   |
| Iron       | 56-2  | 3556    | 3456    | 3412    | 3475    | 2.13   | cps   |
| Iron       | 57-2  | 78      | 72      | 94      | 81      | 14.20  | cps   |
| Lead       | 206-1 | 450     | 483     | 472     | 469     | 3.62   | cps   |
| Lead       | 207-1 | 322     | 456     | 378     | 385     | 17.39  | cps   |
| Lead       | 208-1 | 1772    | 1872    | 1628    | 1758    | 6.99   | cps   |
| Lithium    | 6-1   | 842003  | 848235  | 836103  | 842114  | 0.72   | cps   |
| Magnesium  | 24-2  | 58      | 100     | 42      | 67      | 45.07  | cps   |
| Manganese  | 55-2  | 50      | 53      | 47      | 50      | 6.66   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:20:05 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 158     | 167     | 75      | 133     | 38.02  | cps   |
| Molybdenum | 95-1  | 0       | 17      | 8       | 8       | 100.02 | cps   |
| Molybdenum | 96-1  | 67      | 58      | 42      | 56      | 22.91  | cps   |
| Molybdenum | 97-1  | 92      | 83      | 92      | 89      | 5.41   | cps   |
| Molybdenum | 98-1  | 17      | 8       | 42      | 22      | 78.07  | cps   |
| Neodymium  | 150-1 | 7       | 7       | 0       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Nickel     | 60-2  | 57      | 73      | 73      | 68      | 14.19  | cps   |
| Phosphorus | 31-2  | 8       | 8       | 25      | 14      | 69.31  | cps   |
| Potassium  | 39-2  | 4718    | 4651    | 4618    | 4662    | 1.09   | cps   |
| Rhodium    | 103-1 | 4619012 | 4622432 | 4615181 | 4618875 | 0.08   | cps   |
| Rhodium    | 103-2 | 1655186 | 1625390 | 1602940 | 1627839 | 1.61   | cps   |
| Scandium   | 45-1  | 3408405 | 3432080 | 3419547 | 3420011 | 0.35   | cps   |
| Scandium   | 45-2  | 34933   | 35756   | 36628   | 35772   | 2.37   | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 6       | 6       | 6       | 6       | 0.00   | cps   |
| Selenium   | 82-1  | 98      | 10      | -26     | 27      | 232.16 | cps   |
| Silicon    | 28-1  | 531030  | 535682  | 516142  | 527618  | 1.93   | cps   |
| Silver     | 109-1 | 58      | 75      | 75      | 69      | 13.85  | cps   |
| Silver     | 107-1 | 83      | 92      | 75      | 83      | 10.00  | cps   |
| Sodium     | 23-2  | 8745    | 8645    | 9020    | 8803    | 2.21   | cps   |
| Strontium  | 86-1  | 1342    | 1383    | 1158    | 1295    | 9.25   | cps   |
| Strontium  | 88-1  | 133     | 142     | 175     | 150     | 14.70  | cps   |
| Sulfur     | 34-1  | 531204  | 537370  | 532920  | 533831  | 0.60   | cps   |
| Terbium    | 159-1 | 4816959 | 4806886 | 4811195 | 4811680 | 0.11   | cps   |
| Terbium    | 159-2 | 1492178 | 1480675 | 1482605 | 1485152 | 0.41   | cps   |
| Thallium   | 203-1 | 175     | 142     | 75      | 131     | 39.00  | cps   |
| Thallium   | 205-1 | 292     | 225     | 333     | 283     | 19.29  | cps   |
| Tin        | 118-1 | 442     | 575     | 542     | 519     | 13.36  | cps   |
| Titanium   | 47-1  | 242     | 267     | 217     | 242     | 10.34  | cps   |
| Uranium    | 238-1 | 8       | 67      | 25      | 33      | 90.15  | cps   |
| Vanadium   | 51-2  | 3       | 17      | 13      | 11      | 62.48  | cps   |
| Yttrium    | 89-1  | 5342743 | 5325410 | 5375388 | 5347847 | 0.47   | cps   |
| Yttrium    | 89-2  | 233208  | 235185  | 230907  | 233100  | 0.92   | cps   |
| Zinc       | 66-2  | 623     | 530     | 500     | 551     | 11.67  | cps   |
| Zirconium  | 90-1  | 358     | 175     | 367     | 300     | 36.11  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:20:05 | DataFile Name :   | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 100  | 75   | 83      | 17.32  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-08             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-44-FL2-PLG-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:23:16  | DataFile Name :   | 102SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 217     | 83      | 133     | 144     | 46.63  | cps   |
| Antimony   | 121-1 | 500     | 375     | 442     | 439     | 14.25  | cps   |
| Arsenic    | 75-2  | 46      | 31      | 41      | 40      | 18.95  | cps   |
| Barium     | 135-1 | 33385   | 32240   | 31798   | 32474   | 2.52   | cps   |
| Barium     | 137-1 | 57937   | 57752   | 55919   | 57203   | 1.95   | cps   |
| Beryllium  | 9-1   | 39      | 39      | 33      | 37      | 8.67   | cps   |
| Bismuth    | 209-1 | 2776524 | 2859595 | 2862410 | 2832843 | 1.72   | cps   |
| Bismuth    | 209-2 | 1230462 | 1235411 | 1231797 | 1232556 | 0.21   | cps   |
| Boron      | 10-1  | 1200    | 1067    | 1242    | 1170    | 7.82   | cps   |
| Boron      | 11-1  | 5310    | 5651    | 5410    | 5457    | 3.22   | cps   |
| Cadmium    | 111-1 | 908     | 982     | 1060    | 983     | 7.73   | cps   |
| Cadmium    | 106-1 | 1283    | 1384    | 1467    | 1378    | 6.66   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 0       | 3       | 86.60  | cps   |
| Calcium    | 43-1  | 152647  | 149793  | 151149  | 151196  | 0.94   | cps   |
| Calcium    | 44-1  | 2621201 | 2626795 | 2560883 | 2602960 | 1.40   | cps   |
| Chromium   | 52-2  | 913     | 1017    | 1110    | 1013    | 9.71   | cps   |
| Cobalt     | 59-2  | 153     | 113     | 127     | 131     | 15.53  | cps   |
| Copper     | 63-2  | 279424  | 279042  | 279489  | 279318  | 0.09   | cps   |
| Dysprosium | 156-1 | 75      | 100     | 17      | 64      | 66.93  | cps   |
| Dysprosium | 156-2 | 23      | 17      | 3       | 14      | 70.51  | cps   |
| Erbium     | 164-1 | 42      | 58      | 83      | 61      | 34.32  | cps   |
| Erbium     | 164-2 | 23      | 20      | 23      | 22      | 8.65   | cps   |
| Gadolinium | 160-1 | 108     | 108     | 108     | 108     | 0.00   | cps   |
| Gadolinium | 160-2 | 23      | 20      | 43      | 29      | 43.68  | cps   |
| Holmium    | 165-1 | 4962002 | 5078467 | 5188556 | 5076342 | 2.23   | cps   |
| Holmium    | 165-2 | 1710855 | 1724761 | 1724649 | 1720089 | 0.46   | cps   |
| Indium     | 115-1 | 5048289 | 5254408 | 5240395 | 5181031 | 2.22   | cps   |
| Indium     | 115-2 | 334274  | 333754  | 334642  | 334223  | 0.13   | cps   |
| Iron       | 56-2  | 22358   | 24411   | 22831   | 23200   | 4.63   | cps   |
| Iron       | 57-2  | 572     | 561     | 567     | 567     | 0.98   | cps   |
| Lead       | 206-1 | 1339    | 1383    | 1250    | 1324    | 5.13   | cps   |
| Lead       | 207-1 | 1128    | 1233    | 1167    | 1176    | 4.54   | cps   |
| Lead       | 208-1 | 5106    | 5334    | 5212    | 5217    | 2.18   | cps   |
| Lithium    | 6-1   | 916437  | 976292  | 975975  | 956235  | 3.60   | cps   |
| Magnesium  | 24-2  | 56513   | 55944   | 54046   | 55501   | 2.33   | cps   |
| Manganese  | 55-2  | 5691    | 5441    | 5488    | 5540    | 2.40   | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-08 Instrumnet Name : P8  
 Client Sample ID : DC20894-44-FL2-PLG-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:23:16 DataFile Name : 102SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 383     | 425     | 408     | 406     | 5.17   | cps   |
| Molybdenum | 95-1  | 192     | 192     | 158     | 181     | 10.66  | cps   |
| Molybdenum | 96-1  | 392     | 292     | 267     | 317     | 20.89  | cps   |
| Molybdenum | 97-1  | 150     | 208     | 192     | 183     | 16.39  | cps   |
| Molybdenum | 98-1  | 225     | 158     | 225     | 203     | 18.98  | cps   |
| Neodymium  | 150-1 | 33      | 53      | 53      | 47      | 24.75  | cps   |
| Neodymium  | 150-2 | 10      | 10      | 3       | 8       | 49.52  | cps   |
| Nickel     | 60-2  | 363     | 357     | 333     | 351     | 4.49   | cps   |
| Phosphorus | 31-2  | 575     | 475     | 483     | 511     | 10.86  | cps   |
| Potassium  | 39-2  | 20432   | 19973   | 21158   | 20521   | 2.91   | cps   |
| Rhodium    | 103-1 | 4965298 | 5086879 | 5117745 | 5056641 | 1.59   | cps   |
| Rhodium    | 103-2 | 1774652 | 1772417 | 1758073 | 1768380 | 0.51   | cps   |
| Scandium   | 45-1  | 3644051 | 3773754 | 3748036 | 3721947 | 1.85   | cps   |
| Scandium   | 45-2  | 38436   | 38743   | 37868   | 38349   | 1.16   | cps   |
| Selenium   | 77-2  | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Selenium   | 78-2  | 4       | 4       | 6       | 4       | 24.86  | cps   |
| Selenium   | 82-1  | -120    | -12     | -97     | -76     | -74.58 | cps   |
| Silicon    | 28-1  | 5416409 | 5650591 | 5350303 | 5472435 | 2.88   | cps   |
| Silver     | 109-1 | 58      | 75      | 67      | 67      | 12.49  | cps   |
| Silver     | 107-1 | 117     | 117     | 100     | 111     | 8.66   | cps   |
| Sodium     | 23-2  | 1246827 | 1236322 | 1246398 | 1243182 | 0.48   | cps   |
| Strontium  | 86-1  | 58091   | 57137   | 57647   | 57625   | 0.83   | cps   |
| Strontium  | 88-1  | 487596  | 479079  | 475369  | 480681  | 1.30   | cps   |
| Sulfur     | 34-1  | 526447  | 531035  | 525818  | 527767  | 0.54   | cps   |
| Terbium    | 159-1 | 5251855 | 5480702 | 5348376 | 5360311 | 2.14   | cps   |
| Terbium    | 159-2 | 1727579 | 1721922 | 1729571 | 1726357 | 0.23   | cps   |
| Thallium   | 203-1 | 92      | 133     | 192     | 139     | 36.17  | cps   |
| Thallium   | 205-1 | 425     | 225     | 300     | 317     | 31.91  | cps   |
| Tin        | 118-1 | 408     | 417     | 392     | 406     | 3.14   | cps   |
| Titanium   | 47-1  | 633     | 767     | 658     | 686     | 10.33  | cps   |
| Uranium    | 238-1 | 283     | 150     | 283     | 239     | 32.22  | cps   |
| Vanadium   | 51-2  | 67      | 43      | 57      | 56      | 21.08  | cps   |
| Yttrium    | 89-1  | 5796636 | 5882941 | 5880424 | 5853333 | 0.84   | cps   |
| Yttrium    | 89-2  | 251860  | 251908  | 249801  | 251190  | 0.48   | cps   |
| Zinc       | 66-2  | 3270    | 3100    | 3227    | 3199    | 2.76   | cps   |
| Zirconium  | 90-1  | 1042    | 867     | 767     | 892     | 15.62  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-08             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-44-FL2-PLG-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:23:16  | DataFile Name :   | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 158  | 125  | 153     | 16.66  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-09 Instrumnet Name : P8  
 Client Sample ID : DC20894-45-FL2-HA-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:26:24 DataFile Name : 103SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 117     | 283     | 142     | 181     | 49.79  | cps   |
| Antimony   | 121-1 | 858     | 733     | 792     | 795     | 7.87   | cps   |
| Arsenic    | 75-2  | 65      | 57      | 43      | 55      | 20.60  | cps   |
| Barium     | 135-1 | 34454   | 34638   | 36167   | 35086   | 2.68   | cps   |
| Barium     | 137-1 | 61494   | 60573   | 59092   | 60386   | 2.01   | cps   |
| Beryllium  | 9-1   | 11      | 56      | 28      | 31      | 71.32  | cps   |
| Bismuth    | 209-1 | 2874742 | 2885344 | 2847458 | 2869181 | 0.68   | cps   |
| Bismuth    | 209-2 | 1212293 | 1132359 | 1211095 | 1185249 | 3.86   | cps   |
| Boron      | 10-1  | 1117    | 1183    | 967     | 1089    | 10.19  | cps   |
| Boron      | 11-1  | 5501    | 5676    | 5643    | 5607    | 1.66   | cps   |
| Cadmium    | 111-1 | 921     | 938     | 844     | 901     | 5.55   | cps   |
| Cadmium    | 106-1 | 1267    | 1317    | 1167    | 1250    | 6.11   | cps   |
| Cadmium    | 108-1 | 4       | 13      | 8       | 8       | 49.98  | cps   |
| Calcium    | 43-1  | 153631  | 153844  | 153548  | 153675  | 0.10   | cps   |
| Calcium    | 44-1  | 2674781 | 2669119 | 2640767 | 2661556 | 0.68   | cps   |
| Chromium   | 52-2  | 1077    | 997     | 917     | 997     | 8.03   | cps   |
| Cobalt     | 59-2  | 267     | 230     | 237     | 244     | 7.99   | cps   |
| Copper     | 63-2  | 271180  | 270212  | 267518  | 269637  | 0.70   | cps   |
| Dysprosium | 156-1 | 25      | 42      | 42      | 36      | 26.65  | cps   |
| Dysprosium | 156-2 | 23      | 27      | 20      | 23      | 14.29  | cps   |
| Erbium     | 164-1 | 42      | 50      | 92      | 61      | 43.83  | cps   |
| Erbium     | 164-2 | 3       | 30      | 17      | 17      | 80.01  | cps   |
| Gadolinium | 160-1 | 100     | 150     | 100     | 117     | 24.74  | cps   |
| Gadolinium | 160-2 | 30      | 30      | 20      | 27      | 21.65  | cps   |
| Holmium    | 165-1 | 5138563 | 5167818 | 5104846 | 5137076 | 0.61   | cps   |
| Holmium    | 165-2 | 1727301 | 1587509 | 1717038 | 1677283 | 4.65   | cps   |
| Indium     | 115-1 | 5212317 | 5300557 | 5194459 | 5235778 | 1.08   | cps   |
| Indium     | 115-2 | 329567  | 308008  | 327770  | 321782  | 3.72   | cps   |
| Iron       | 56-2  | 18743   | 20009   | 18225   | 18992   | 4.83   | cps   |
| Iron       | 57-2  | 511     | 422     | 572     | 502     | 15.03  | cps   |
| Lead       | 206-1 | 4318    | 4029    | 4062    | 4136    | 3.82   | cps   |
| Lead       | 207-1 | 3512    | 3362    | 3517    | 3464    | 2.55   | cps   |
| Lead       | 208-1 | 15910   | 15727   | 15777   | 15804   | 0.60   | cps   |
| Lithium    | 6-1   | 960936  | 981475  | 961482  | 967964  | 1.21   | cps   |
| Magnesium  | 24-2  | 55500   | 56438   | 54397   | 55445   | 1.84   | cps   |
| Manganese  | 55-2  | 4224    | 4347    | 4534    | 4369    | 3.57   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-09             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-45-FL2-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:26:24  | DataFile Name :   | 103SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 308     | 308     | 383     | 333     | 12.99   | cps   |
| Molybdenum | 95-1  | 225     | 200     | 158     | 194     | 17.32   | cps   |
| Molybdenum | 96-1  | 283     | 342     | 183     | 269     | 29.72   | cps   |
| Molybdenum | 97-1  | 208     | 125     | 150     | 161     | 26.54   | cps   |
| Molybdenum | 98-1  | 292     | 275     | 300     | 289     | 4.41    | cps   |
| Neodymium  | 150-1 | 40      | 27      | 27      | 31      | 24.74   | cps   |
| Neodymium  | 150-2 | 3       | 13      | 3       | 7       | 86.65   | cps   |
| Nickel     | 60-2  | 8446    | 8583    | 8493    | 8507    | 0.82    | cps   |
| Phosphorus | 31-2  | 508     | 533     | 550     | 531     | 3.95    | cps   |
| Potassium  | 39-2  | 19472   | 20407   | 20048   | 19976   | 2.36    | cps   |
| Rhodium    | 103-1 | 5175942 | 5181225 | 5033460 | 5130209 | 1.63    | cps   |
| Rhodium    | 103-2 | 1757929 | 1627326 | 1722607 | 1702621 | 3.97    | cps   |
| Scandium   | 45-1  | 3752004 | 3829549 | 3770523 | 3784025 | 1.07    | cps   |
| Scandium   | 45-2  | 37550   | 35338   | 37370   | 36753   | 3.34    | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 0       | 7       | 6       | 4       | 89.21   | cps   |
| Selenium   | 82-1  | -169    | -10     | -3      | -61     | -154.12 | cps   |
| Silicon    | 28-1  | 5216500 | 5344798 | 5326122 | 5295807 | 1.31    | cps   |
| Silver     | 109-1 | 133     | 133     | 167     | 144     | 13.32   | cps   |
| Silver     | 107-1 | 200     | 158     | 158     | 172     | 13.97   | cps   |
| Sodium     | 23-2  | 1227936 | 1211446 | 1227895 | 1222425 | 0.78    | cps   |
| Strontium  | 86-1  | 58686   | 58050   | 58460   | 58398   | 0.55    | cps   |
| Strontium  | 88-1  | 492699  | 493237  | 483812  | 489916  | 1.08    | cps   |
| Sulfur     | 34-1  | 520894  | 520607  | 519965  | 520489  | 0.09    | cps   |
| Terbium    | 159-1 | 5489208 | 5555958 | 5485324 | 5510163 | 0.72    | cps   |
| Terbium    | 159-2 | 1725186 | 1588376 | 1708858 | 1674140 | 4.46    | cps   |
| Thallium   | 203-1 | 125     | 108     | 183     | 139     | 28.35   | cps   |
| Thallium   | 205-1 | 258     | 342     | 292     | 297     | 14.11   | cps   |
| Tin        | 118-1 | 533     | 500     | 533     | 522     | 3.69    | cps   |
| Titanium   | 47-1  | 650     | 675     | 692     | 672     | 3.12    | cps   |
| Uranium    | 238-1 | 200     | 183     | 267     | 217     | 20.35   | cps   |
| Vanadium   | 51-2  | 57      | 87      | 70      | 71      | 21.14   | cps   |
| Yttrium    | 89-1  | 5968021 | 5984447 | 5871924 | 5941464 | 1.02    | cps   |
| Yttrium    | 89-2  | 248812  | 230466  | 248384  | 242554  | 4.32    | cps   |
| Zinc       | 66-2  | 16076   | 16283   | 16296   | 16219   | 0.76    | cps   |
| Zirconium  | 90-1  | 800     | 742     | 667     | 736     | 9.08    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-09             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-45-FL2-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:26:24  | DataFile Name :   | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 167  | 208  | 181     | 13.33  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-10             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-46-FL2-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:29:31  | DataFile Name :   | 104SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 467     | 558     | 408     | 478     | 15.83  | cps   |
| Antimony   | 121-1 | 658     | 608     | 575     | 614     | 6.83   | cps   |
| Arsenic    | 75-2  | 31      | 33      | 57      | 41      | 35.51  | cps   |
| Barium     | 135-1 | 37663   | 35774   | 36903   | 36780   | 2.58   | cps   |
| Barium     | 137-1 | 63796   | 62214   | 62994   | 63001   | 1.26   | cps   |
| Beryllium  | 9-1   | 39      | 78      | 83      | 67      | 36.33  | cps   |
| Bismuth    | 209-1 | 2878501 | 2787147 | 2799384 | 2821677 | 1.76   | cps   |
| Bismuth    | 209-2 | 1208872 | 1207539 | 1170270 | 1195560 | 1.83   | cps   |
| Boron      | 10-1  | 1142    | 1325    | 1308    | 1258    | 8.06   | cps   |
| Boron      | 11-1  | 5726    | 5960    | 5976    | 5888    | 2.38   | cps   |
| Cadmium    | 111-1 | 1108    | 990     | 850     | 983     | 13.18  | cps   |
| Cadmium    | 106-1 | 1550    | 1358    | 1200    | 1370    | 12.80  | cps   |
| Cadmium    | 108-1 | 8       | 4       | 4       | 6       | 43.22  | cps   |
| Calcium    | 43-1  | 155268  | 153138  | 151924  | 153443  | 1.10   | cps   |
| Calcium    | 44-1  | 2599666 | 2622415 | 2587095 | 2603059 | 0.69   | cps   |
| Chromium   | 52-2  | 973     | 1147    | 1033    | 1051    | 8.38   | cps   |
| Cobalt     | 59-2  | 173     | 167     | 160     | 167     | 4.00   | cps   |
| Copper     | 63-2  | 217654  | 215706  | 217494  | 216951  | 0.50   | cps   |
| Dysprosium | 156-1 | 17      | 58      | 42      | 39      | 53.93  | cps   |
| Dysprosium | 156-2 | 23      | 17      | 13      | 18      | 28.64  | cps   |
| Erbium     | 164-1 | 50      | 33      | 67      | 50      | 33.34  | cps   |
| Erbium     | 164-2 | 10      | 17      | 23      | 17      | 39.99  | cps   |
| Gadolinium | 160-1 | 108     | 42      | 75      | 75      | 44.44  | cps   |
| Gadolinium | 160-2 | 33      | 10      | 13      | 19      | 66.81  | cps   |
| Holmium    | 165-1 | 5100417 | 5026583 | 5008552 | 5045184 | 0.96   | cps   |
| Holmium    | 165-2 | 1739818 | 1687615 | 1643242 | 1690225 | 2.86   | cps   |
| Indium     | 115-1 | 5236834 | 5241342 | 5202737 | 5226971 | 0.40   | cps   |
| Indium     | 115-2 | 329734  | 327836  | 322542  | 326704  | 1.14   | cps   |
| Iron       | 56-2  | 22989   | 21387   | 22899   | 22425   | 4.01   | cps   |
| Iron       | 57-2  | 539     | 522     | 556     | 539     | 3.09   | cps   |
| Lead       | 206-1 | 3123    | 2856    | 2828    | 2936    | 5.54   | cps   |
| Lead       | 207-1 | 2450    | 2323    | 2389    | 2387    | 2.68   | cps   |
| Lead       | 208-1 | 11336   | 10824   | 11147   | 11102   | 2.33   | cps   |
| Lithium    | 6-1   | 949025  | 932062  | 967546  | 949544  | 1.87   | cps   |
| Magnesium  | 24-2  | 54631   | 53862   | 54313   | 54269   | 0.71   | cps   |
| Manganese  | 55-2  | 4051    | 4137    | 4071    | 4086    | 1.11   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-10 Instrumnet Name : P8  
 Client Sample ID : DC20894-46-FL2-HA-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:29:31 DataFile Name : 104SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 500     | 625     | 433     | 519     | 18.73   | cps   |
| Molybdenum | 95-1  | 150     | 142     | 133     | 142     | 5.88    | cps   |
| Molybdenum | 96-1  | 267     | 358     | 342     | 322     | 15.15   | cps   |
| Molybdenum | 97-1  | 167     | 83      | 175     | 142     | 35.78   | cps   |
| Molybdenum | 98-1  | 200     | 283     | 317     | 267     | 22.53   | cps   |
| Neodymium  | 150-1 | 47      | 20      | 47      | 38      | 40.76   | cps   |
| Neodymium  | 150-2 | 13      | 20      | 7       | 13      | 49.99   | cps   |
| Nickel     | 60-2  | 1503    | 1457    | 1647    | 1536    | 6.45    | cps   |
| Phosphorus | 31-2  | 583     | 533     | 483     | 533     | 9.38    | cps   |
| Potassium  | 39-2  | 20424   | 19648   | 20891   | 20321   | 3.09    | cps   |
| Rhodium    | 103-1 | 5013476 | 5092720 | 5092783 | 5066326 | 0.90    | cps   |
| Rhodium    | 103-2 | 1734974 | 1763326 | 1685485 | 1727928 | 2.28    | cps   |
| Scandium   | 45-1  | 3787966 | 3760882 | 3723360 | 3757403 | 0.86    | cps   |
| Scandium   | 45-2  | 37046   | 37240   | 35595   | 36627   | 2.45    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 4       | 4       | 4       | 4       | 0.00    | cps   |
| Selenium   | 82-1  | 16      | 8       | -39     | -5      | -577.02 | cps   |
| Silicon    | 28-1  | 5357170 | 5285970 | 5227244 | 5290128 | 1.23    | cps   |
| Silver     | 109-1 | 117     | 100     | 108     | 108     | 7.69    | cps   |
| Silver     | 107-1 | 175     | 183     | 167     | 175     | 4.76    | cps   |
| Sodium     | 23-2  | 1219860 | 1199687 | 1219197 | 1212915 | 0.94    | cps   |
| Strontium  | 86-1  | 58560   | 58544   | 60007   | 59037   | 1.42    | cps   |
| Strontium  | 88-1  | 500183  | 496908  | 491262  | 496118  | 0.91    | cps   |
| Sulfur     | 34-1  | 518979  | 513596  | 514407  | 515661  | 0.56    | cps   |
| Terbium    | 159-1 | 5497680 | 5393895 | 5351118 | 5414231 | 1.39    | cps   |
| Terbium    | 159-2 | 1711119 | 1698836 | 1556430 | 1655462 | 5.19    | cps   |
| Thallium   | 203-1 | 150     | 142     | 117     | 136     | 12.75   | cps   |
| Thallium   | 205-1 | 333     | 258     | 292     | 294     | 12.76   | cps   |
| Tin        | 118-1 | 792     | 633     | 608     | 678     | 14.67   | cps   |
| Titanium   | 47-1  | 575     | 783     | 667     | 675     | 15.47   | cps   |
| Uranium    | 238-1 | 300     | 192     | 225     | 239     | 23.23   | cps   |
| Vanadium   | 51-2  | 67      | 73      | 63      | 68      | 7.51    | cps   |
| Yttrium    | 89-1  | 5903236 | 5908063 | 5866851 | 5892717 | 0.38    | cps   |
| Yttrium    | 89-2  | 246251  | 247295  | 240566  | 244704  | 1.48    | cps   |
| Zinc       | 66-2  | 5505    | 5208    | 5461    | 5391    | 2.97    | cps   |
| Zirconium  | 90-1  | 1325    | 950     | 1092    | 1122    | 16.87   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-10             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-46-FL2-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:29:31  | DataFile Name :   | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 300  | 383  | 314     | 20.29  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-11             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-47-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:32:40  | DataFile Name :   | 105SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 550     | 542     | 575     | 556     | 3.12   | cps   |
| Antimony   | 121-1 | 667     | 583     | 608     | 619     | 6.90   | cps   |
| Arsenic    | 75-2  | 24      | 50      | 61      | 45      | 42.18  | cps   |
| Barium     | 135-1 | 38290   | 36618   | 35991   | 36967   | 3.21   | cps   |
| Barium     | 137-1 | 65455   | 64149   | 63956   | 64520   | 1.26   | cps   |
| Beryllium  | 9-1   | 67      | 89      | 83      | 80      | 14.52  | cps   |
| Bismuth    | 209-1 | 2862154 | 2800922 | 2845630 | 2836235 | 1.12   | cps   |
| Bismuth    | 209-2 | 1203436 | 1213111 | 1206191 | 1207579 | 0.41   | cps   |
| Boron      | 10-1  | 1117    | 1217    | 1342    | 1225    | 9.20   | cps   |
| Boron      | 11-1  | 5960    | 6018    | 6310    | 6096    | 3.08   | cps   |
| Cadmium    | 111-1 | 1016    | 1009    | 1029    | 1018    | 1.01   | cps   |
| Cadmium    | 106-1 | 1458    | 1442    | 1475    | 1458    | 1.14   | cps   |
| Cadmium    | 108-1 | 13      | 13      | 17      | 14      | 17.33  | cps   |
| Calcium    | 43-1  | 150145  | 150576  | 150677  | 150466  | 0.19   | cps   |
| Calcium    | 44-1  | 2585575 | 2577792 | 2552598 | 2571988 | 0.67   | cps   |
| Chromium   | 52-2  | 937     | 1107    | 1073    | 1039    | 8.67   | cps   |
| Cobalt     | 59-2  | 167     | 183     | 200     | 183     | 9.09   | cps   |
| Copper     | 63-2  | 209291  | 209996  | 207035  | 208774  | 0.74   | cps   |
| Dysprosium | 156-1 | 75      | 42      | 75      | 64      | 30.12  | cps   |
| Dysprosium | 156-2 | 13      | 7       | 13      | 11      | 34.61  | cps   |
| Erbium     | 164-1 | 58      | 58      | 58      | 58      | 0.00   | cps   |
| Erbium     | 164-2 | 10      | 20      | 27      | 19      | 44.42  | cps   |
| Gadolinium | 160-1 | 67      | 58      | 100     | 75      | 29.40  | cps   |
| Gadolinium | 160-2 | 13      | 30      | 20      | 21      | 39.75  | cps   |
| Holmium    | 165-1 | 5084844 | 5079804 | 5041567 | 5068738 | 0.47   | cps   |
| Holmium    | 165-2 | 1658620 | 1682265 | 1659719 | 1666868 | 0.80   | cps   |
| Indium     | 115-1 | 5180203 | 5179846 | 5109377 | 5156475 | 0.79   | cps   |
| Indium     | 115-2 | 325893  | 329141  | 329808  | 328281  | 0.64   | cps   |
| Iron       | 56-2  | 22080   | 22644   | 22718   | 22481   | 1.55   | cps   |
| Iron       | 57-2  | 639     | 672     | 544     | 619     | 10.72  | cps   |
| Lead       | 206-1 | 2656    | 2578    | 2684    | 2639    | 2.07   | cps   |
| Lead       | 207-1 | 2378    | 2361    | 2234    | 2324    | 3.40   | cps   |
| Lead       | 208-1 | 10430   | 10496   | 10424   | 10450   | 0.38   | cps   |
| Lithium    | 6-1   | 939871  | 945941  | 947022  | 944278  | 0.41   | cps   |
| Magnesium  | 24-2  | 55995   | 52992   | 53828   | 54272   | 2.86   | cps   |
| Manganese  | 55-2  | 4451    | 3974    | 3944    | 4123    | 6.90   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-11             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-47-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:32:40  | DataFile Name :   | 105SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 450     | 433     | 358     | 414     | 11.80  | cps   |
| Molybdenum | 95-1  | 183     | 175     | 183     | 181     | 2.66   | cps   |
| Molybdenum | 96-1  | 242     | 275     | 242     | 253     | 7.61   | cps   |
| Molybdenum | 97-1  | 183     | 200     | 92      | 158     | 36.84  | cps   |
| Molybdenum | 98-1  | 242     | 317     | 200     | 253     | 23.39  | cps   |
| Neodymium  | 150-1 | 33      | 60      | 40      | 44      | 31.23  | cps   |
| Neodymium  | 150-2 | 7       | 10      | 10      | 9       | 21.63  | cps   |
| Nickel     | 60-2  | 1123    | 1047    | 1113    | 1095    | 3.81   | cps   |
| Phosphorus | 31-2  | 583     | 408     | 500     | 497     | 17.60  | cps   |
| Potassium  | 39-2  | 20666   | 20140   | 19431   | 20079   | 3.09   | cps   |
| Rhodium    | 103-1 | 5072314 | 5069146 | 5048667 | 5063376 | 0.25   | cps   |
| Rhodium    | 103-2 | 1714620 | 1729994 | 1709793 | 1718136 | 0.61   | cps   |
| Scandium   | 45-1  | 3741439 | 3674357 | 3693639 | 3703145 | 0.93   | cps   |
| Scandium   | 45-2  | 36273   | 37677   | 37316   | 37089   | 1.97   | cps   |
| Selenium   | 77-2  | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Selenium   | 78-2  | 0       | 0       | 6       | 2       | 173.21 | cps   |
| Selenium   | 82-1  | -3      | -130    | -129    | -88     | -83.18 | cps   |
| Silicon    | 28-1  | 5334507 | 5250415 | 5234601 | 5273174 | 1.02   | cps   |
| Silver     | 109-1 | 117     | 142     | 92      | 117     | 21.43  | cps   |
| Silver     | 107-1 | 108     | 83      | 167     | 119     | 35.80  | cps   |
| Sodium     | 23-2  | 1208122 | 1203165 | 1212277 | 1207855 | 0.38   | cps   |
| Strontium  | 86-1  | 58886   | 59372   | 58509   | 58922   | 0.73   | cps   |
| Strontium  | 88-1  | 495223  | 491084  | 493735  | 493347  | 0.42   | cps   |
| Sulfur     | 34-1  | 522025  | 524758  | 521734  | 522839  | 0.32   | cps   |
| Terbium    | 159-1 | 5382490 | 5346832 | 5380845 | 5370056 | 0.37   | cps   |
| Terbium    | 159-2 | 1653839 | 1684942 | 1626203 | 1654995 | 1.78   | cps   |
| Thallium   | 203-1 | 158     | 133     | 192     | 161     | 18.17  | cps   |
| Thallium   | 205-1 | 333     | 275     | 300     | 303     | 9.67   | cps   |
| Tin        | 118-1 | 858     | 692     | 725     | 758     | 11.63  | cps   |
| Titanium   | 47-1  | 533     | 583     | 750     | 622     | 18.23  | cps   |
| Uranium    | 238-1 | 283     | 242     | 242     | 256     | 9.41   | cps   |
| Vanadium   | 51-2  | 50      | 80      | 77      | 69      | 23.87  | cps   |
| Yttrium    | 89-1  | 5883040 | 5870809 | 5852261 | 5868703 | 0.26   | cps   |
| Yttrium    | 89-2  | 244250  | 246448  | 243783  | 244827  | 0.58   | cps   |
| Zinc       | 66-2  | 4874    | 4614    | 4811    | 4766    | 2.85   | cps   |
| Zirconium  | 90-1  | 1268    | 658     | 817     | 914     | 34.57  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-11             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-47-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:32:40  | DataFile Name :   | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 200  | 225  | 200     | 12.50  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-12             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-48-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:35:47  | DataFile Name :   | 106SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 308     | 300     | 408     | 339     | 17.79  | cps   |
| Antimony   | 121-1 | 600     | 767     | 783     | 717     | 14.15  | cps   |
| Arsenic    | 75-2  | 41      | 31      | 48      | 40      | 20.82  | cps   |
| Barium     | 135-1 | 35825   | 34538   | 35064   | 35142   | 1.84   | cps   |
| Barium     | 137-1 | 61251   | 60556   | 62038   | 61282   | 1.21   | cps   |
| Beryllium  | 9-1   | 28      | 61      | 39      | 43      | 39.84  | cps   |
| Bismuth    | 209-1 | 2695220 | 2801285 | 2813605 | 2770037 | 2.35   | cps   |
| Bismuth    | 209-2 | 1201654 | 1208370 | 1204703 | 1204909 | 0.28   | cps   |
| Boron      | 10-1  | 1125    | 1192    | 1375    | 1231    | 10.52  | cps   |
| Boron      | 11-1  | 5476    | 5701    | 5760    | 5646    | 2.65   | cps   |
| Cadmium    | 111-1 | 857     | 1008    | 932     | 932     | 8.09   | cps   |
| Cadmium    | 106-1 | 1167    | 1408    | 1308    | 1295    | 9.38   | cps   |
| Cadmium    | 108-1 | 8       | 17      | 13      | 13      | 33.36  | cps   |
| Calcium    | 43-1  | 152353  | 151172  | 149768  | 151098  | 0.86   | cps   |
| Calcium    | 44-1  | 2568904 | 2588343 | 2554694 | 2570647 | 0.66   | cps   |
| Chromium   | 52-2  | 1097    | 993     | 1083    | 1058    | 5.31   | cps   |
| Cobalt     | 59-2  | 127     | 147     | 160     | 144     | 11.61  | cps   |
| Copper     | 63-2  | 216986  | 216486  | 215295  | 216256  | 0.40   | cps   |
| Dysprosium | 156-1 | 42      | 67      | 42      | 50      | 28.87  | cps   |
| Dysprosium | 156-2 | 13      | 17      | 30      | 20      | 44.10  | cps   |
| Erbium     | 164-1 | 50      | 25      | 17      | 31      | 56.77  | cps   |
| Erbium     | 164-2 | 17      | 10      | 23      | 17      | 39.99  | cps   |
| Gadolinium | 160-1 | 108     | 92      | 92      | 97      | 9.90   | cps   |
| Gadolinium | 160-2 | 20      | 17      | 23      | 20      | 16.65  | cps   |
| Holmium    | 165-1 | 4813178 | 4963633 | 4994893 | 4923901 | 1.97   | cps   |
| Holmium    | 165-2 | 1713856 | 1724112 | 1655343 | 1697770 | 2.19   | cps   |
| Indium     | 115-1 | 5012380 | 5081044 | 5139427 | 5077617 | 1.25   | cps   |
| Indium     | 115-2 | 326046  | 326559  | 325108  | 325905  | 0.23   | cps   |
| Iron       | 56-2  | 20186   | 18964   | 19516   | 19555   | 3.13   | cps   |
| Iron       | 57-2  | 644     | 494     | 561     | 567     | 13.26  | cps   |
| Lead       | 206-1 | 2573    | 2828    | 2445    | 2615    | 7.47   | cps   |
| Lead       | 207-1 | 2273    | 2311    | 2306    | 2297    | 0.92   | cps   |
| Lead       | 208-1 | 10446   | 10152   | 10113   | 10237   | 1.78   | cps   |
| Lithium    | 6-1   | 912298  | 925700  | 933157  | 923718  | 1.14   | cps   |
| Magnesium  | 24-2  | 54890   | 54648   | 54438   | 54659   | 0.41   | cps   |
| Manganese  | 55-2  | 3991    | 4041    | 3987    | 4006    | 0.75   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-12             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-48-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:35:47  | DataFile Name :   | 106SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 375     | 375     | 350     | 367     | 3.93   | cps   |
| Molybdenum | 95-1  | 150     | 175     | 133     | 153     | 13.73  | cps   |
| Molybdenum | 96-1  | 217     | 158     | 217     | 197     | 17.08  | cps   |
| Molybdenum | 97-1  | 250     | 175     | 133     | 186     | 31.77  | cps   |
| Molybdenum | 98-1  | 183     | 183     | 275     | 214     | 24.74  | cps   |
| Neodymium  | 150-1 | 67      | 47      | 47      | 53      | 21.65  | cps   |
| Neodymium  | 150-2 | 7       | 7       | 0       | 4       | 86.60  | cps   |
| Nickel     | 60-2  | 1823    | 1780    | 1793    | 1799    | 1.23   | cps   |
| Phosphorus | 31-2  | 517     | 600     | 483     | 533     | 11.27  | cps   |
| Potassium  | 39-2  | 19823   | 19806   | 19998   | 19876   | 0.53   | cps   |
| Rhodium    | 103-1 | 4874972 | 5004688 | 4995669 | 4958443 | 1.46   | cps   |
| Rhodium    | 103-2 | 1730803 | 1728281 | 1728191 | 1729092 | 0.09   | cps   |
| Scandium   | 45-1  | 3582193 | 3694597 | 3659195 | 3645329 | 1.58   | cps   |
| Scandium   | 45-2  | 36768   | 37440   | 37055   | 37088   | 0.91   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 6       | 6       | 5       | 21.74  | cps   |
| Selenium   | 82-1  | -26     | 103     | 49      | 42      | 154.98 | cps   |
| Silicon    | 28-1  | 5647118 | 5225115 | 5195646 | 5355960 | 4.72   | cps   |
| Silver     | 109-1 | 183     | 117     | 158     | 153     | 22.04  | cps   |
| Silver     | 107-1 | 250     | 108     | 117     | 158     | 50.21  | cps   |
| Sodium     | 23-2  | 1218261 | 1203708 | 1188849 | 1203606 | 1.22   | cps   |
| Strontium  | 86-1  | 59983   | 58451   | 56643   | 58359   | 2.86   | cps   |
| Strontium  | 88-1  | 496525  | 489358  | 487594  | 491159  | 0.96   | cps   |
| Sulfur     | 34-1  | 515919  | 516022  | 517741  | 516561  | 0.20   | cps   |
| Terbium    | 159-1 | 5304301 | 5346966 | 5427718 | 5359662 | 1.17   | cps   |
| Terbium    | 159-2 | 1702075 | 1680692 | 1670533 | 1684433 | 0.96   | cps   |
| Thallium   | 203-1 | 167     | 150     | 150     | 156     | 6.18   | cps   |
| Thallium   | 205-1 | 200     | 275     | 267     | 247     | 16.63  | cps   |
| Tin        | 118-1 | 558     | 625     | 400     | 528     | 21.90  | cps   |
| Titanium   | 47-1  | 542     | 500     | 458     | 500     | 8.33   | cps   |
| Uranium    | 238-1 | 217     | 217     | 158     | 197     | 17.08  | cps   |
| Vanadium   | 51-2  | 90      | 53      | 100     | 81      | 30.29  | cps   |
| Yttrium    | 89-1  | 5695722 | 5833150 | 5852201 | 5793691 | 1.47   | cps   |
| Yttrium    | 89-2  | 244470  | 246420  | 246875  | 245922  | 0.52   | cps   |
| Zinc       | 66-2  | 5701    | 5495    | 5671    | 5622    | 1.99   | cps   |
| Zirconium  | 90-1  | 742     | 675     | 675     | 697     | 5.52   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-12             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-48-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:35:47  | DataFile Name :   | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 250  | 133  | 150  | 178     | 35.49  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-13             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-49-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:38:56  | DataFile Name :   | 107SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 508     | 475     | 458     | 481     | 5.30   | cps   |
| Antimony   | 121-1 | 525     | 608     | 592     | 575     | 7.67   | cps   |
| Arsenic    | 75-2  | 31      | 61      | 39      | 44      | 35.18  | cps   |
| Barium     | 135-1 | 35842   | 36477   | 36727   | 36349   | 1.26   | cps   |
| Barium     | 137-1 | 63143   | 63202   | 63830   | 63392   | 0.60   | cps   |
| Beryllium  | 9-1   | 94      | 72      | 39      | 69      | 40.81  | cps   |
| Bismuth    | 209-1 | 2858730 | 2862397 | 2787467 | 2836198 | 1.49   | cps   |
| Bismuth    | 209-2 | 1199234 | 1216964 | 1206053 | 1207417 | 0.74   | cps   |
| Boron      | 10-1  | 1333    | 1283    | 1458    | 1358    | 6.64   | cps   |
| Boron      | 11-1  | 5676    | 5860    | 5935    | 5824    | 2.28   | cps   |
| Cadmium    | 111-1 | 935     | 971     | 854     | 920     | 6.49   | cps   |
| Cadmium    | 106-1 | 1292    | 1383    | 1250    | 1308    | 5.21   | cps   |
| Cadmium    | 108-1 | 4       | 8       | 42      | 18      | 113.84 | cps   |
| Calcium    | 43-1  | 151383  | 148680  | 148436  | 149500  | 1.09   | cps   |
| Calcium    | 44-1  | 2562733 | 2544856 | 2566536 | 2558042 | 0.45   | cps   |
| Chromium   | 52-2  | 1027    | 1077    | 1047    | 1050    | 2.40   | cps   |
| Cobalt     | 59-2  | 173     | 197     | 180     | 183     | 6.55   | cps   |
| Copper     | 63-2  | 214965  | 212644  | 212771  | 213460  | 0.61   | cps   |
| Dysprosium | 156-1 | 42      | 58      | 83      | 61      | 34.32  | cps   |
| Dysprosium | 156-2 | 10      | 20      | 30      | 20      | 50.00  | cps   |
| Erbium     | 164-1 | 50      | 58      | 50      | 53      | 9.12   | cps   |
| Erbium     | 164-2 | 7       | 23      | 40      | 23      | 71.42  | cps   |
| Gadolinium | 160-1 | 117     | 75      | 100     | 97      | 21.57  | cps   |
| Gadolinium | 160-2 | 27      | 23      | 47      | 32      | 39.17  | cps   |
| Holmium    | 165-1 | 5117882 | 5117995 | 4926416 | 5054098 | 2.19   | cps   |
| Holmium    | 165-2 | 1669340 | 1703486 | 1665664 | 1679496 | 1.24   | cps   |
| Indium     | 115-1 | 5187098 | 5106809 | 5056793 | 5116900 | 1.28   | cps   |
| Indium     | 115-2 | 326124  | 327537  | 331361  | 328341  | 0.83   | cps   |
| Iron       | 56-2  | 21518   | 21239   | 21306   | 21354   | 0.68   | cps   |
| Iron       | 57-2  | 417     | 583     | 528     | 509     | 16.67  | cps   |
| Lead       | 206-1 | 2606    | 2628    | 2678    | 2637    | 1.40   | cps   |
| Lead       | 207-1 | 2439    | 2439    | 2200    | 2360    | 5.85   | cps   |
| Lead       | 208-1 | 10257   | 10786   | 10652   | 10565   | 2.60   | cps   |
| Lithium    | 6-1   | 950988  | 946304  | 927747  | 941680  | 1.31   | cps   |
| Magnesium  | 24-2  | 54807   | 54154   | 55275   | 54745   | 1.03   | cps   |
| Manganese  | 55-2  | 3891    | 4007    | 4197    | 4032    | 3.84   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-13             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-49-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:38:56  | DataFile Name :   | 107SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 417     | 333     | 350     | 367     | 12.03   | cps   |
| Molybdenum | 95-1  | 208     | 175     | 233     | 206     | 14.24   | cps   |
| Molybdenum | 96-1  | 225     | 283     | 217     | 242     | 15.03   | cps   |
| Molybdenum | 97-1  | 183     | 175     | 117     | 158     | 22.94   | cps   |
| Molybdenum | 98-1  | 317     | 325     | 342     | 328     | 3.88    | cps   |
| Neodymium  | 150-1 | 87      | 33      | 20      | 47      | 75.60   | cps   |
| Neodymium  | 150-2 | 13      | 13      | 10      | 12      | 15.73   | cps   |
| Nickel     | 60-2  | 1187    | 1253    | 1293    | 1245    | 4.33    | cps   |
| Phosphorus | 31-2  | 508     | 525     | 408     | 481     | 13.13   | cps   |
| Potassium  | 39-2  | 20107   | 19648   | 19957   | 19904   | 1.18    | cps   |
| Rhodium    | 103-1 | 5066789 | 5016233 | 4931874 | 5004965 | 1.36    | cps   |
| Rhodium    | 103-2 | 1723820 | 1731432 | 1733581 | 1729611 | 0.30    | cps   |
| Scandium   | 45-1  | 3681963 | 3710327 | 3649495 | 3680595 | 0.83    | cps   |
| Scandium   | 45-2  | 36902   | 37056   | 37543   | 37167   | 0.90    | cps   |
| Selenium   | 77-2  | 3       | 10      | 0       | 4       | 114.60  | cps   |
| Selenium   | 78-2  | 4       | 11      | 4       | 6       | 69.34   | cps   |
| Selenium   | 82-1  | 1       | 35      | -140    | -35     | -266.60 | cps   |
| Silicon    | 28-1  | 5396850 | 5198036 | 5338536 | 5311141 | 1.92    | cps   |
| Silver     | 109-1 | 100     | 83      | 133     | 106     | 24.12   | cps   |
| Silver     | 107-1 | 192     | 150     | 175     | 172     | 12.18   | cps   |
| Sodium     | 23-2  | 1220693 | 1218479 | 1210123 | 1216432 | 0.46    | cps   |
| Strontium  | 86-1  | 59673   | 58736   | 56820   | 58410   | 2.49    | cps   |
| Strontium  | 88-1  | 499144  | 485567  | 490881  | 491864  | 1.39    | cps   |
| Sulfur     | 34-1  | 520040  | 523083  | 514949  | 519357  | 0.79    | cps   |
| Terbium    | 159-1 | 5484585 | 5430672 | 5290356 | 5401871 | 1.86    | cps   |
| Terbium    | 159-2 | 1705638 | 1715263 | 1680815 | 1700572 | 1.05    | cps   |
| Thallium   | 203-1 | 183     | 75      | 175     | 144     | 41.74   | cps   |
| Thallium   | 205-1 | 408     | 367     | 317     | 364     | 12.61   | cps   |
| Tin        | 118-1 | 600     | 683     | 633     | 639     | 6.56    | cps   |
| Titanium   | 47-1  | 792     | 575     | 792     | 720     | 17.39   | cps   |
| Uranium    | 238-1 | 250     | 267     | 275     | 264     | 4.83    | cps   |
| Vanadium   | 51-2  | 60      | 63      | 93      | 72      | 25.43   | cps   |
| Yttrium    | 89-1  | 5856426 | 5877373 | 5730528 | 5821443 | 1.36    | cps   |
| Yttrium    | 89-2  | 244371  | 246650  | 246735  | 245919  | 0.55    | cps   |
| Zinc       | 66-2  | 4831    | 5334    | 5148    | 5104    | 4.99    | cps   |
| Zirconium  | 90-1  | 758     | 700     | 742     | 733     | 4.10    | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-13             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-49-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:38:56  | DataFile Name :   | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 158  | 117  | 147     | 18.20  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-14 Instrumnet Name : P8  
 Client Sample ID : DC20894-50-FL2-CL6-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:42:05 DataFile Name : 108SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 683     | 692     | 633     | 669     | 4.71   | cps   |
| Antimony   | 121-1 | 617     | 467     | 558     | 547     | 13.82  | cps   |
| Arsenic    | 75-2  | 48      | 48      | 44      | 47      | 4.57   | cps   |
| Barium     | 135-1 | 38257   | 37980   | 38482   | 38240   | 0.66   | cps   |
| Barium     | 137-1 | 66125   | 67239   | 65572   | 66312   | 1.28   | cps   |
| Beryllium  | 9-1   | 50      | 28      | 28      | 35      | 36.46  | cps   |
| Bismuth    | 209-1 | 2871854 | 2831031 | 2762632 | 2821839 | 1.96   | cps   |
| Bismuth    | 209-2 | 1208163 | 1219269 | 1213550 | 1213661 | 0.46   | cps   |
| Boron      | 10-1  | 1467    | 1425    | 1283    | 1392    | 6.91   | cps   |
| Boron      | 11-1  | 5801    | 6026    | 6402    | 6077    | 4.99   | cps   |
| Cadmium    | 111-1 | 941     | 902     | 1026    | 956     | 6.64   | cps   |
| Cadmium    | 106-1 | 1325    | 1258    | 1450    | 1345    | 7.24   | cps   |
| Cadmium    | 108-1 | 17      | 0       | 8       | 8       | 100.02 | cps   |
| Calcium    | 43-1  | 150456  | 149532  | 150550  | 150179  | 0.37   | cps   |
| Calcium    | 44-1  | 2600218 | 2552454 | 2575440 | 2576037 | 0.93   | cps   |
| Chromium   | 52-2  | 1067    | 997     | 1000    | 1021    | 3.87   | cps   |
| Cobalt     | 59-2  | 167     | 170     | 160     | 166     | 3.08   | cps   |
| Copper     | 63-2  | 214005  | 212521  | 209995  | 212174  | 0.96   | cps   |
| Dysprosium | 156-1 | 8       | 75      | 67      | 50      | 72.65  | cps   |
| Dysprosium | 156-2 | 20      | 3       | 40      | 21      | 86.97  | cps   |
| Erbium     | 164-1 | 42      | 42      | 83      | 56      | 43.30  | cps   |
| Erbium     | 164-2 | 20      | 13      | 7       | 13      | 49.99  | cps   |
| Gadolinium | 160-1 | 83      | 67      | 50      | 67      | 25.00  | cps   |
| Gadolinium | 160-2 | 33      | 17      | 40      | 30      | 40.05  | cps   |
| Holmium    | 165-1 | 5105457 | 5000012 | 4982445 | 5029305 | 1.32   | cps   |
| Holmium    | 165-2 | 1742530 | 1714942 | 1726259 | 1727910 | 0.80   | cps   |
| Indium     | 115-1 | 5310979 | 5181097 | 4998526 | 5163534 | 3.04   | cps   |
| Indium     | 115-2 | 330853  | 330457  | 333070  | 331460  | 0.42   | cps   |
| Iron       | 56-2  | 26413   | 23446   | 22237   | 24032   | 8.94   | cps   |
| Iron       | 57-2  | 578     | 706     | 517     | 600     | 16.07  | cps   |
| Lead       | 206-1 | 2661    | 2673    | 2734    | 2689    | 1.45   | cps   |
| Lead       | 207-1 | 2189    | 2084    | 2206    | 2160    | 3.07   | cps   |
| Lead       | 208-1 | 10474   | 10080   | 10191   | 10248   | 1.99   | cps   |
| Lithium    | 6-1   | 959347  | 957819  | 922129  | 946432  | 2.23   | cps   |
| Magnesium  | 24-2  | 55443   | 54899   | 55534   | 55292   | 0.62   | cps   |
| Manganese  | 55-2  | 4241    | 4231    | 4044    | 4172    | 2.66   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-14             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-50-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:42:05  | DataFile Name :   | 108SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 375     | 408     | 642     | 475     | 30.61  | cps   |
| Molybdenum | 95-1  | 225     | 225     | 133     | 194     | 27.22  | cps   |
| Molybdenum | 96-1  | 208     | 258     | 300     | 256     | 17.96  | cps   |
| Molybdenum | 97-1  | 125     | 83      | 200     | 136     | 43.43  | cps   |
| Molybdenum | 98-1  | 317     | 250     | 233     | 267     | 16.54  | cps   |
| Neodymium  | 150-1 | 40      | 73      | 67      | 60      | 29.40  | cps   |
| Neodymium  | 150-2 | 10      | 7       | 20      | 12      | 56.76  | cps   |
| Nickel     | 60-2  | 963     | 957     | 837     | 919     | 7.76   | cps   |
| Phosphorus | 31-2  | 408     | 508     | 433     | 450     | 11.56  | cps   |
| Potassium  | 39-2  | 20340   | 20558   | 19932   | 20277   | 1.57   | cps   |
| Rhodium    | 103-1 | 5092467 | 5109768 | 4967708 | 5056648 | 1.53   | cps   |
| Rhodium    | 103-2 | 1777323 | 1752728 | 1774521 | 1768191 | 0.76   | cps   |
| Scandium   | 45-1  | 3759576 | 3763426 | 3650360 | 3724454 | 1.72   | cps   |
| Scandium   | 45-2  | 37330   | 37350   | 36908   | 37196   | 0.67   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 7       | 2       | 2       | 4       | 86.68  | cps   |
| Selenium   | 82-1  | 0       | -61     | -104    | -55     | -95.05 | cps   |
| Silicon    | 28-1  | 5307821 | 5313182 | 5370758 | 5330587 | 0.65   | cps   |
| Silver     | 109-1 | 158     | 100     | 108     | 122     | 25.81  | cps   |
| Silver     | 107-1 | 133     | 225     | 158     | 172     | 27.52  | cps   |
| Sodium     | 23-2  | 1241572 | 1216833 | 1231136 | 1229847 | 1.01   | cps   |
| Strontium  | 86-1  | 59530   | 60100   | 59414   | 59681   | 0.61   | cps   |
| Strontium  | 88-1  | 502420  | 502259  | 498601  | 501094  | 0.43   | cps   |
| Sulfur     | 34-1  | 519950  | 518869  | 520006  | 519608  | 0.12   | cps   |
| Terbium    | 159-1 | 5550026 | 5482370 | 5357084 | 5463160 | 1.79   | cps   |
| Terbium    | 159-2 | 1701781 | 1703895 | 1706319 | 1703998 | 0.13   | cps   |
| Thallium   | 203-1 | 183     | 125     | 142     | 150     | 20.03  | cps   |
| Thallium   | 205-1 | 308     | 350     | 267     | 308     | 13.52  | cps   |
| Tin        | 118-1 | 842     | 733     | 683     | 753     | 10.75  | cps   |
| Titanium   | 47-1  | 567     | 683     | 625     | 625     | 9.33   | cps   |
| Uranium    | 238-1 | 175     | 192     | 167     | 178     | 7.16   | cps   |
| Vanadium   | 51-2  | 100     | 73      | 63      | 79      | 24.03  | cps   |
| Yttrium    | 89-1  | 5917628 | 5972602 | 5784938 | 5891723 | 1.64   | cps   |
| Yttrium    | 89-2  | 250971  | 248552  | 249112  | 249545  | 0.51   | cps   |
| Zinc       | 66-2  | 4711    | 4621    | 5008    | 4780    | 4.24   | cps   |
| Zirconium  | 90-1  | 942     | 833     | 850     | 875     | 6.67   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-14             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-50-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:42:05  | DataFile Name :   | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 584  | 217  | 233  | 345     | 60.22  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-15 Instrumnet Name : P8  
 Client Sample ID : DC20894-51-FL2-BRCL6 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:45:12 DataFile Name : 109SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 758     | 692     | 775     | 742     | 5.94   | cps   |
| Antimony   | 121-1 | 650     | 517     | 550     | 572     | 12.13  | cps   |
| Arsenic    | 75-2  | 46      | 39      | 46      | 44      | 9.76   | cps   |
| Barium     | 135-1 | 36995   | 37830   | 37036   | 37287   | 1.26   | cps   |
| Barium     | 137-1 | 66192   | 65480   | 65136   | 65603   | 0.82   | cps   |
| Beryllium  | 9-1   | 56      | 67      | 61      | 61      | 9.09   | cps   |
| Bismuth    | 209-1 | 2870769 | 2841048 | 2857548 | 2856455 | 0.52   | cps   |
| Bismuth    | 209-2 | 1214487 | 1208635 | 1211384 | 1211502 | 0.24   | cps   |
| Boron      | 10-1  | 1350    | 1367    | 1158    | 1292    | 8.96   | cps   |
| Boron      | 11-1  | 6168    | 5868    | 6385    | 6141    | 4.23   | cps   |
| Cadmium    | 111-1 | 951     | 854     | 1057    | 954     | 10.62  | cps   |
| Cadmium    | 106-1 | 1375    | 1217    | 1500    | 1364    | 10.41  | cps   |
| Cadmium    | 108-1 | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Calcium    | 43-1  | 150751  | 150323  | 151832  | 150969  | 0.51   | cps   |
| Calcium    | 44-1  | 2593419 | 2577308 | 2584056 | 2584927 | 0.31   | cps   |
| Chromium   | 52-2  | 1090    | 1047    | 1020    | 1052    | 3.36   | cps   |
| Cobalt     | 59-2  | 160     | 163     | 157     | 160     | 2.08   | cps   |
| Copper     | 63-2  | 212204  | 209328  | 208421  | 209984  | 0.94   | cps   |
| Dysprosium | 156-1 | 58      | 42      | 50      | 50      | 16.67  | cps   |
| Dysprosium | 156-2 | 13      | 13      | 17      | 14      | 13.35  | cps   |
| Erbium     | 164-1 | 75      | 42      | 75      | 64      | 30.12  | cps   |
| Erbium     | 164-2 | 10      | 3       | 13      | 9       | 57.30  | cps   |
| Gadolinium | 160-1 | 125     | 100     | 75      | 100     | 25.00  | cps   |
| Gadolinium | 160-2 | 27      | 7       | 27      | 20      | 57.73  | cps   |
| Holmium    | 165-1 | 5102173 | 5033548 | 5105185 | 5080302 | 0.80   | cps   |
| Holmium    | 165-2 | 1695639 | 1708962 | 1710691 | 1705097 | 0.48   | cps   |
| Indium     | 115-1 | 5298628 | 5217472 | 5173653 | 5229918 | 1.21   | cps   |
| Indium     | 115-2 | 329994  | 325887  | 328721  | 328201  | 0.64   | cps   |
| Iron       | 56-2  | 22308   | 23275   | 21898   | 22493   | 3.14   | cps   |
| Iron       | 57-2  | 528     | 828     | 517     | 624     | 28.29  | cps   |
| Lead       | 206-1 | 2695    | 2306    | 2728    | 2576    | 9.11   | cps   |
| Lead       | 207-1 | 2084    | 2328    | 2106    | 2172    | 6.22   | cps   |
| Lead       | 208-1 | 10069   | 9957    | 10057   | 10028   | 0.61   | cps   |
| Lithium    | 6-1   | 958149  | 930693  | 944133  | 944325  | 1.45   | cps   |
| Magnesium  | 24-2  | 53594   | 53410   | 53661   | 53555   | 0.24   | cps   |
| Manganese  | 55-2  | 4234    | 4227    | 4031    | 4164    | 2.78   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-15             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-51-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:45:12  | DataFile Name :   | 109SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 433     | 475     | 375     | 428     | 11.74  | cps   |
| Molybdenum | 95-1  | 192     | 192     | 167     | 183     | 7.88   | cps   |
| Molybdenum | 96-1  | 267     | 267     | 317     | 283     | 10.19  | cps   |
| Molybdenum | 97-1  | 233     | 158     | 175     | 189     | 20.85  | cps   |
| Molybdenum | 98-1  | 250     | 250     | 267     | 256     | 3.76   | cps   |
| Neodymium  | 150-1 | 27      | 33      | 67      | 42      | 50.76  | cps   |
| Neodymium  | 150-2 | 7       | 7       | 13      | 9       | 43.25  | cps   |
| Nickel     | 60-2  | 1080    | 1150    | 1003    | 1078    | 6.81   | cps   |
| Phosphorus | 31-2  | 542     | 483     | 425     | 483     | 12.07  | cps   |
| Potassium  | 39-2  | 19439   | 20165   | 20274   | 19959   | 2.27   | cps   |
| Rhodium    | 103-1 | 5050572 | 5070483 | 5045121 | 5055392 | 0.26   | cps   |
| Rhodium    | 103-2 | 1733896 | 1727824 | 1725989 | 1729236 | 0.24   | cps   |
| Scandium   | 45-1  | 3794028 | 3699363 | 3701237 | 3731543 | 1.45   | cps   |
| Scandium   | 45-2  | 37587   | 37316   | 37607   | 37503   | 0.43   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 11      | 2       | 4       | 6       | 88.24  | cps   |
| Selenium   | 82-1  | -85     | 120     | 74      | 36      | 295.04 | cps   |
| Silicon    | 28-1  | 5380776 | 5314827 | 5319419 | 5338341 | 0.69   | cps   |
| Silver     | 109-1 | 108     | 108     | 125     | 114     | 8.45   | cps   |
| Silver     | 107-1 | 142     | 217     | 133     | 164     | 28.01  | cps   |
| Sodium     | 23-2  | 1236918 | 1207741 | 1224821 | 1223160 | 1.20   | cps   |
| Strontium  | 86-1  | 59916   | 57021   | 58903   | 58613   | 2.51   | cps   |
| Strontium  | 88-1  | 496623  | 489221  | 488193  | 491346  | 0.94   | cps   |
| Sulfur     | 34-1  | 519386  | 520941  | 514647  | 518325  | 0.63   | cps   |
| Terbium    | 159-1 | 5602093 | 5362747 | 5375159 | 5446666 | 2.47   | cps   |
| Terbium    | 159-2 | 1727209 | 1669882 | 1709007 | 1702033 | 1.72   | cps   |
| Thallium   | 203-1 | 125     | 167     | 117     | 136     | 19.68  | cps   |
| Thallium   | 205-1 | 417     | 258     | 308     | 328     | 24.69  | cps   |
| Tin        | 118-1 | 683     | 758     | 650     | 697     | 7.96   | cps   |
| Titanium   | 47-1  | 658     | 492     | 842     | 664     | 26.38  | cps   |
| Uranium    | 238-1 | 250     | 208     | 233     | 231     | 9.10   | cps   |
| Vanadium   | 51-2  | 63      | 50      | 53      | 56      | 12.49  | cps   |
| Yttrium    | 89-1  | 5943422 | 5779786 | 5972671 | 5898626 | 1.76   | cps   |
| Yttrium    | 89-2  | 247048  | 247089  | 245663  | 246600  | 0.33   | cps   |
| Zinc       | 66-2  | 4924    | 4931    | 4571    | 4809    | 4.28   | cps   |
| Zirconium  | 90-1  | 700     | 833     | 667     | 733     | 12.03  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-15             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-51-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:45:12  | DataFile Name :   | 109SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 200  | 117  | 142     | 35.78  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-16 Instrumnet Name : P8  
 Client Sample ID : DC20894-52-FL2-BRCL6 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:48:21 DataFile Name : 110SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 583     | 658     | 733     | 658     | 11.39  | cps   |
| Antimony   | 121-1 | 575     | 542     | 592     | 569     | 4.47   | cps   |
| Arsenic    | 75-2  | 52      | 35      | 48      | 45      | 19.41  | cps   |
| Barium     | 135-1 | 39092   | 38750   | 37922   | 38588   | 1.56   | cps   |
| Barium     | 137-1 | 65162   | 65605   | 65488   | 65418   | 0.35   | cps   |
| Beryllium  | 9-1   | 50      | 61      | 72      | 61      | 18.18  | cps   |
| Bismuth    | 209-1 | 2754821 | 2836454 | 2800993 | 2797423 | 1.46   | cps   |
| Bismuth    | 209-2 | 1234620 | 1212672 | 1209728 | 1219007 | 1.12   | cps   |
| Boron      | 10-1  | 1567    | 1158    | 1275    | 1333    | 15.77  | cps   |
| Boron      | 11-1  | 6102    | 6552    | 6177    | 6277    | 3.84   | cps   |
| Cadmium    | 111-1 | 846     | 881     | 1037    | 921     | 11.04  | cps   |
| Cadmium    | 106-1 | 1175    | 1267    | 1442    | 1295    | 10.47  | cps   |
| Cadmium    | 108-1 | 8       | 21      | 8       | 12      | 57.75  | cps   |
| Calcium    | 43-1  | 154637  | 152276  | 147948  | 151620  | 2.24   | cps   |
| Calcium    | 44-1  | 2604157 | 2606296 | 2601831 | 2604094 | 0.09   | cps   |
| Chromium   | 52-2  | 1007    | 953     | 920     | 960     | 4.55   | cps   |
| Cobalt     | 59-2  | 187     | 223     | 203     | 204     | 8.98   | cps   |
| Copper     | 63-2  | 210732  | 209006  | 209251  | 209663  | 0.45   | cps   |
| Dysprosium | 156-1 | 58      | 33      | 42      | 44      | 28.65  | cps   |
| Dysprosium | 156-2 | 23      | 20      | 30      | 24      | 20.83  | cps   |
| Erbium     | 164-1 | 117     | 75      | 25      | 72      | 63.55  | cps   |
| Erbium     | 164-2 | 10      | 10      | 13      | 11      | 17.30  | cps   |
| Gadolinium | 160-1 | 75      | 142     | 100     | 106     | 31.91  | cps   |
| Gadolinium | 160-2 | 27      | 13      | 20      | 20      | 33.35  | cps   |
| Holmium    | 165-1 | 4857542 | 5094879 | 5021045 | 4991155 | 2.43   | cps   |
| Holmium    | 165-2 | 1718297 | 1698966 | 1692956 | 1703406 | 0.78   | cps   |
| Indium     | 115-1 | 5031242 | 5151463 | 5207281 | 5129996 | 1.75   | cps   |
| Indium     | 115-2 | 329434  | 328754  | 326664  | 328284  | 0.44   | cps   |
| Iron       | 56-2  | 23507   | 21562   | 21891   | 22320   | 4.66   | cps   |
| Iron       | 57-2  | 650     | 606     | 511     | 589     | 12.05  | cps   |
| Lead       | 206-1 | 2856    | 2750    | 2817    | 2808    | 1.90   | cps   |
| Lead       | 207-1 | 2289    | 2456    | 2367    | 2371    | 3.52   | cps   |
| Lead       | 208-1 | 10824   | 11241   | 10797   | 10954   | 2.27   | cps   |
| Lithium    | 6-1   | 943239  | 929749  | 948232  | 940407  | 1.02   | cps   |
| Magnesium  | 24-2  | 55660   | 53937   | 54765   | 54787   | 1.57   | cps   |
| Manganese  | 55-2  | 4161    | 4114    | 4251    | 4175    | 1.66   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-16             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-52-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:48:21  | DataFile Name :   | 110SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 383     | 375     | 383     | 381     | 1.27    | cps   |
| Molybdenum | 95-1  | 117     | 167     | 208     | 164     | 28.01   | cps   |
| Molybdenum | 96-1  | 200     | 242     | 225     | 222     | 9.44    | cps   |
| Molybdenum | 97-1  | 158     | 158     | 192     | 169     | 11.36   | cps   |
| Molybdenum | 98-1  | 267     | 292     | 225     | 261     | 12.90   | cps   |
| Neodymium  | 150-1 | 47      | 27      | 47      | 40      | 28.87   | cps   |
| Neodymium  | 150-2 | 7       | 0       | 13      | 7       | 99.98   | cps   |
| Nickel     | 60-2  | 1607    | 1573    | 1690    | 1623    | 3.70    | cps   |
| Phosphorus | 31-2  | 450     | 500     | 508     | 486     | 6.49    | cps   |
| Potassium  | 39-2  | 20524   | 20340   | 20324   | 20396   | 0.54    | cps   |
| Rhodium    | 103-1 | 4938093 | 4989713 | 5011813 | 4979873 | 0.76    | cps   |
| Rhodium    | 103-2 | 1747861 | 1716228 | 1725052 | 1729714 | 0.94    | cps   |
| Scandium   | 45-1  | 3599279 | 3688102 | 3740523 | 3675968 | 1.94    | cps   |
| Scandium   | 45-2  | 37814   | 36788   | 37256   | 37286   | 1.38    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 4       | 0       | 6       | 3       | 91.69   | cps   |
| Selenium   | 82-1  | 0       | -97     | 28      | -23     | -283.51 | cps   |
| Silicon    | 28-1  | 5331041 | 5324682 | 5494137 | 5383287 | 1.78    | cps   |
| Silver     | 109-1 | 100     | 142     | 108     | 117     | 18.90   | cps   |
| Silver     | 107-1 | 183     | 325     | 142     | 217     | 44.39   | cps   |
| Sodium     | 23-2  | 1229946 | 1214107 | 1222884 | 1222312 | 0.65    | cps   |
| Strontium  | 86-1  | 59222   | 58711   | 58493   | 58809   | 0.64    | cps   |
| Strontium  | 88-1  | 506550  | 500131  | 491072  | 499251  | 1.56    | cps   |
| Sulfur     | 34-1  | 519170  | 517911  | 517853  | 518312  | 0.14    | cps   |
| Terbium    | 159-1 | 5291744 | 5419010 | 5462671 | 5391142 | 1.65    | cps   |
| Terbium    | 159-2 | 1734823 | 1693542 | 1691255 | 1706540 | 1.44    | cps   |
| Thallium   | 203-1 | 125     | 133     | 108     | 122     | 10.41   | cps   |
| Thallium   | 205-1 | 333     | 292     | 308     | 311     | 6.74    | cps   |
| Tin        | 118-1 | 758     | 767     | 700     | 742     | 4.90    | cps   |
| Titanium   | 47-1  | 525     | 483     | 600     | 536     | 11.03   | cps   |
| Uranium    | 238-1 | 333     | 233     | 283     | 283     | 17.65   | cps   |
| Vanadium   | 51-2  | 77      | 60      | 93      | 77      | 21.74   | cps   |
| Yttrium    | 89-1  | 5773675 | 5860681 | 5909100 | 5847819 | 1.17    | cps   |
| Yttrium    | 89-2  | 248316  | 248082  | 246117  | 247505  | 0.49    | cps   |
| Zinc       | 66-2  | 6338    | 6488    | 6355    | 6394    | 1.29    | cps   |
| Zirconium  | 90-1  | 733     | 792     | 783     | 770     | 4.10    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-16             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-52-FL2-BRCL6 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:48:21  | DataFile Name :   | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 217  | 275  | 228     | 18.77  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-17 Instrumnet Name : P8  
 Client Sample ID : DC20894-53-FL2-BRCL7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 17:51:28 DataFile Name : 111SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 667     | 717     | 567     | 650     | 11.75  | cps   |
| Antimony   | 121-1 | 525     | 583     | 567     | 558     | 5.38   | cps   |
| Arsenic    | 75-2  | 28      | 41      | 56      | 41      | 33.61  | cps   |
| Barium     | 135-1 | 38181   | 36209   | 35674   | 36688   | 3.60   | cps   |
| Barium     | 137-1 | 62851   | 61703   | 62884   | 62479   | 1.08   | cps   |
| Beryllium  | 9-1   | 44      | 39      | 72      | 52      | 34.44  | cps   |
| Bismuth    | 209-1 | 2862946 | 2634376 | 2814702 | 2770675 | 4.35   | cps   |
| Bismuth    | 209-2 | 1203095 | 1206904 | 1215610 | 1208536 | 0.53   | cps   |
| Boron      | 10-1  | 1508    | 1233    | 1325    | 1356    | 10.33  | cps   |
| Boron      | 11-1  | 6410    | 5801    | 6193    | 6135    | 5.03   | cps   |
| Cadmium    | 111-1 | 928     | 923     | 1049    | 967     | 7.40   | cps   |
| Cadmium    | 106-1 | 1317    | 1317    | 1492    | 1375    | 7.35   | cps   |
| Cadmium    | 108-1 | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Calcium    | 43-1  | 153743  | 150601  | 152514  | 152286  | 1.04   | cps   |
| Calcium    | 44-1  | 2590635 | 2605430 | 2596568 | 2597544 | 0.29   | cps   |
| Chromium   | 52-2  | 1107    | 1083    | 990     | 1060    | 5.82   | cps   |
| Cobalt     | 59-2  | 173     | 183     | 187     | 181     | 3.83   | cps   |
| Copper     | 63-2  | 207826  | 210005  | 208768  | 208866  | 0.52   | cps   |
| Dysprosium | 156-1 | 92      | 108     | 58      | 86      | 29.56  | cps   |
| Dysprosium | 156-2 | 17      | 23      | 17      | 19      | 20.36  | cps   |
| Erbium     | 164-1 | 42      | 50      | 75      | 56      | 31.22  | cps   |
| Erbium     | 164-2 | 13      | 10      | 7       | 10      | 33.30  | cps   |
| Gadolinium | 160-1 | 117     | 100     | 25      | 81      | 60.62  | cps   |
| Gadolinium | 160-2 | 30      | 40      | 30      | 33      | 17.32  | cps   |
| Holmium    | 165-1 | 4994870 | 4750319 | 4929530 | 4891573 | 2.59   | cps   |
| Holmium    | 165-2 | 1686519 | 1672191 | 1675438 | 1678049 | 0.45   | cps   |
| Indium     | 115-1 | 5171752 | 4845894 | 5107688 | 5041778 | 3.42   | cps   |
| Indium     | 115-2 | 324715  | 326088  | 323731  | 324845  | 0.36   | cps   |
| Iron       | 56-2  | 22180   | 19965   | 21317   | 21154   | 5.28   | cps   |
| Iron       | 57-2  | 528     | 556     | 639     | 574     | 10.07  | cps   |
| Lead       | 206-1 | 2695    | 2489    | 2567    | 2584    | 4.02   | cps   |
| Lead       | 207-1 | 2173    | 2156    | 2028    | 2119    | 3.73   | cps   |
| Lead       | 208-1 | 10024   | 9657    | 9885    | 9856    | 1.88   | cps   |
| Lithium    | 6-1   | 949670  | 896210  | 935103  | 926994  | 2.98   | cps   |
| Magnesium  | 24-2  | 54204   | 54849   | 54731   | 54595   | 0.63   | cps   |
| Manganese  | 55-2  | 4177    | 4111    | 4044    | 4111    | 1.62   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-17             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-53-FL2-BRCL7 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:51:28  | DataFile Name :   | 111SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 417     | 433     | 367     | 406     | 8.55   | cps   |
| Molybdenum | 95-1  | 192     | 242     | 242     | 225     | 12.83  | cps   |
| Molybdenum | 96-1  | 267     | 208     | 233     | 236     | 12.39  | cps   |
| Molybdenum | 97-1  | 242     | 192     | 183     | 206     | 15.35  | cps   |
| Molybdenum | 98-1  | 250     | 292     | 275     | 272     | 7.70   | cps   |
| Neodymium  | 150-1 | 67      | 40      | 40      | 49      | 31.50  | cps   |
| Neodymium  | 150-2 | 7       | 3       | 10      | 7       | 50.03  | cps   |
| Nickel     | 60-2  | 1040    | 1023    | 1080    | 1048    | 2.78   | cps   |
| Phosphorus | 31-2  | 450     | 525     | 517     | 497     | 8.27   | cps   |
| Potassium  | 39-2  | 20575   | 19740   | 19940   | 20085   | 2.17   | cps   |
| Rhodium    | 103-1 | 5015538 | 4681723 | 4904102 | 4867121 | 3.49   | cps   |
| Rhodium    | 103-2 | 1725664 | 1715203 | 1705073 | 1715313 | 0.60   | cps   |
| Scandium   | 45-1  | 3684320 | 3464336 | 3646137 | 3598264 | 3.27   | cps   |
| Scandium   | 45-2  | 36865   | 37106   | 36798   | 36923   | 0.44   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 7       | 6       | 2       | 5       | 57.32  | cps   |
| Selenium   | 82-1  | -62     | -85     | -48     | -65     | -28.90 | cps   |
| Silicon    | 28-1  | 5282509 | 5241516 | 5215689 | 5246571 | 0.64   | cps   |
| Silver     | 109-1 | 58      | 133     | 75      | 89      | 44.30  | cps   |
| Silver     | 107-1 | 167     | 117     | 83      | 122     | 34.32  | cps   |
| Sodium     | 23-2  | 1220305 | 1209560 | 1202922 | 1210929 | 0.72   | cps   |
| Strontium  | 86-1  | 58819   | 57263   | 57522   | 57868   | 1.44   | cps   |
| Strontium  | 88-1  | 494049  | 490047  | 485849  | 489982  | 0.84   | cps   |
| Sulfur     | 34-1  | 527035  | 524777  | 523219  | 525010  | 0.37   | cps   |
| Terbium    | 159-1 | 5437142 | 5045347 | 5330491 | 5270993 | 3.84   | cps   |
| Terbium    | 159-2 | 1683596 | 1683891 | 1676880 | 1681456 | 0.24   | cps   |
| Thallium   | 203-1 | 175     | 108     | 167     | 150     | 24.22  | cps   |
| Thallium   | 205-1 | 258     | 350     | 325     | 311     | 15.23  | cps   |
| Tin        | 118-1 | 675     | 692     | 650     | 672     | 3.12   | cps   |
| Titanium   | 47-1  | 667     | 675     | 959     | 767     | 21.69  | cps   |
| Uranium    | 238-1 | 208     | 200     | 250     | 219     | 12.21  | cps   |
| Vanadium   | 51-2  | 73      | 70      | 80      | 74      | 6.84   | cps   |
| Yttrium    | 89-1  | 5876909 | 5479382 | 5771326 | 5709206 | 3.61   | cps   |
| Yttrium    | 89-2  | 246042  | 245802  | 244143  | 245329  | 0.42   | cps   |
| Zinc       | 66-2  | 6562    | 6505    | 6565    | 6544    | 0.52   | cps   |
| Zirconium  | 90-1  | 792     | 692     | 983     | 822     | 18.03  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-17             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-53-FL2-BRCL7 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:51:28  | DataFile Name :   | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 225  | 133  | 181     | 25.42  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:54:36 | DataFile Name :   | 112SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 125     | 92      | 92      | 103     | 18.73  | cps   |
| Antimony   | 121-1 | 50      | 50      | 83      | 61      | 31.50  | cps   |
| Arsenic    | 75-2  | 2       | 4       | 6       | 4       | 50.09  | cps   |
| Barium     | 135-1 | 33      | 42      | 75      | 50      | 44.10  | cps   |
| Barium     | 137-1 | 100     | 33      | 50      | 61      | 56.78  | cps   |
| Beryllium  | 9-1   | 39      | 17      | 39      | 31      | 40.75  | cps   |
| Bismuth    | 209-1 | 2679159 | 2644478 | 2666254 | 2663297 | 0.66   | cps   |
| Bismuth    | 209-2 | 1136484 | 1124507 | 1094890 | 1118627 | 1.91   | cps   |
| Boron      | 10-1  | 492     | 517     | 575     | 528     | 8.10   | cps   |
| Boron      | 11-1  | 2400    | 2400    | 2175    | 2325    | 5.59   | cps   |
| Cadmium    | 111-1 | 808     | 750     | 881     | 813     | 8.04   | cps   |
| Cadmium    | 106-1 | 1158    | 1058    | 1283    | 1167    | 9.66   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 25      | 11      | 108.21 | cps   |
| Calcium    | 43-1  | 5476    | 5651    | 5693    | 5607    | 2.05   | cps   |
| Calcium    | 44-1  | 84730   | 82140   | 84236   | 83702   | 1.64   | cps   |
| Chromium   | 52-2  | 1033    | 1013    | 870     | 972     | 9.16   | cps   |
| Cobalt     | 59-2  | 93      | 97      | 123     | 104     | 15.74  | cps   |
| Copper     | 63-2  | 493     | 507     | 567     | 522     | 7.48   | cps   |
| Dysprosium | 156-1 | 17      | 0       | 17      | 11      | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 25      | 0       | 19      | 89.21  | cps   |
| Erbium     | 164-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 42      | 33      | 50      | 42      | 20.00  | cps   |
| Gadolinium | 160-2 | 10      | 17      | 7       | 11      | 45.82  | cps   |
| Holmium    | 165-1 | 4718278 | 4714461 | 4762358 | 4731699 | 0.56   | cps   |
| Holmium    | 165-2 | 1526256 | 1521418 | 1465247 | 1504307 | 2.25   | cps   |
| Indium     | 115-1 | 4804978 | 4871775 | 4822880 | 4833211 | 0.72   | cps   |
| Indium     | 115-2 | 305871  | 306034  | 297220  | 303042  | 1.66   | cps   |
| Iron       | 56-2  | 3478    | 3284    | 3578    | 3447    | 4.35   | cps   |
| Iron       | 57-2  | 83      | 83      | 117     | 94      | 20.37  | cps   |
| Lead       | 206-1 | 2058418 | 2100338 | 2076404 | 2078387 | 1.01   | cps   |
| Lead       | 207-1 | 1902177 | 1917143 | 1900233 | 1906518 | 0.49   | cps   |
| Lead       | 208-1 | 8367921 | 8504122 | 8421213 | 8431085 | 0.81   | cps   |
| Lithium    | 6-1   | 855607  | 855049  | 854384  | 855013  | 0.07   | cps   |
| Magnesium  | 24-2  | 75      | 125     | 125     | 108     | 26.65  | cps   |
| Manganese  | 55-2  | 97      | 50      | 53      | 67      | 39.06  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:54:36 | DataFile Name :   | 112SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD   | Units |
|------------|-------|---------|---------|---------|---------|----------|-------|
| Molybdenum | 94-1  | 117     | 175     | 108     | 133     | 27.24    | cps   |
| Molybdenum | 95-1  | 25      | 0       | 8       | 11      | 114.58   | cps   |
| Molybdenum | 96-1  | 58      | 108     | 33      | 67      | 57.29    | cps   |
| Molybdenum | 97-1  | 33      | 50      | 75      | 53      | 39.74    | cps   |
| Molybdenum | 98-1  | 25      | 25      | 8       | 19      | 49.50    | cps   |
| Neodymium  | 150-1 | 13      | 13      | 0       | 9       | 86.60    | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21   | cps   |
| Nickel     | 60-2  | 93      | 73      | 80      | 82      | 12.39    | cps   |
| Phosphorus | 31-2  | 8       | 33      | 8       | 17      | 86.64    | cps   |
| Potassium  | 39-2  | 3784    | 4376    | 3984    | 4048    | 7.44     | cps   |
| Rhodium    | 103-1 | 4684480 | 4736721 | 4686827 | 4702676 | 0.63     | cps   |
| Rhodium    | 103-2 | 1627471 | 1616188 | 1558585 | 1600748 | 2.31     | cps   |
| Scandium   | 45-1  | 3464718 | 3440059 | 3472612 | 3459130 | 0.49     | cps   |
| Scandium   | 45-2  | 34917   | 34887   | 33978   | 34594   | 1.54     | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00     | cps   |
| Selenium   | 78-2  | 2       | 9       | 4       | 5       | 78.12    | cps   |
| Selenium   | 82-1  | 71      | -58     | -20     | -2      | -3091.10 | cps   |
| Silicon    | 28-1  | 532214  | 585406  | 531114  | 549578  | 5.65     | cps   |
| Silver     | 109-1 | 83      | 92      | 83      | 86      | 5.58     | cps   |
| Silver     | 107-1 | 67      | 67      | 58      | 64      | 7.53     | cps   |
| Sodium     | 23-2  | 7777    | 7944    | 8053    | 7925    | 1.75     | cps   |
| Strontium  | 86-1  | 1367    | 1550    | 1517    | 1478    | 6.61     | cps   |
| Strontium  | 88-1  | 250     | 158     | 317     | 242     | 32.89    | cps   |
| Sulfur     | 34-1  | 468506  | 471286  | 472327  | 470707  | 0.42     | cps   |
| Terbium    | 159-1 | 5030842 | 5047742 | 5050798 | 5043127 | 0.21     | cps   |
| Terbium    | 159-2 | 1500799 | 1496091 | 1516447 | 1504446 | 0.71     | cps   |
| Thallium   | 203-1 | 133     | 150     | 192     | 158     | 18.98    | cps   |
| Thallium   | 205-1 | 392     | 283     | 308     | 328     | 17.31    | cps   |
| Tin        | 118-1 | 2742    | 2475    | 2425    | 2548    | 6.68     | cps   |
| Titanium   | 47-1  | 217     | 250     | 225     | 231     | 7.52     | cps   |
| Uranium    | 238-1 | 33      | 50      | 42      | 42      | 20.00    | cps   |
| Vanadium   | 51-2  | 13      | 23      | 7       | 14      | 58.06    | cps   |
| Yttrium    | 89-1  | 5503754 | 5429967 | 5452907 | 5462209 | 0.69     | cps   |
| Yttrium    | 89-2  | 232010  | 232592  | 220594  | 228399  | 2.96     | cps   |
| Zinc       | 66-2  | 3044    | 3250    | 3204    | 3166    | 3.42     | cps   |
| Zirconium  | 90-1  | 408     | 367     | 283     | 353     | 18.04    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:54:36 | DataFile Name :   | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 25   | 125  | 89      | 62.42  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:57:46 | DataFile Name :   | 113SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 25      | 33      | 22      | 57.29  | cps   |
| Antimony   | 121-1 | 17      | 25      | 42      | 28      | 45.82  | cps   |
| Arsenic    | 75-2  | 0       | 2       | 0       | 1       | 173.21 | cps   |
| Barium     | 135-1 | 42      | 0       | 42      | 28      | 86.60  | cps   |
| Barium     | 137-1 | 8       | 58      | 25      | 31      | 83.33  | cps   |
| Beryllium  | 9-1   | 44      | 50      | 67      | 54      | 21.53  | cps   |
| Bismuth    | 209-1 | 2616012 | 2697535 | 2639118 | 2650888 | 1.59   | cps   |
| Bismuth    | 209-2 | 1123810 | 1117416 | 1121818 | 1121015 | 0.29   | cps   |
| Boron      | 10-1  | 408     | 383     | 292     | 361     | 17.01  | cps   |
| Boron      | 11-1  | 1900    | 1709    | 1992    | 1867    | 7.75   | cps   |
| Cadmium    | 111-1 | 932     | 786     | 773     | 830     | 10.64  | cps   |
| Cadmium    | 106-1 | 1333    | 1125    | 1092    | 1183    | 11.07  | cps   |
| Cadmium    | 108-1 | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Calcium    | 43-1  | 5368    | 5243    | 5551    | 5387    | 2.88   | cps   |
| Calcium    | 44-1  | 83255   | 83113   | 83365   | 83244   | 0.15   | cps   |
| Chromium   | 52-2  | 1047    | 897     | 937     | 960     | 8.09   | cps   |
| Cobalt     | 59-2  | 90      | 70      | 73      | 78      | 13.78  | cps   |
| Copper     | 63-2  | 463     | 463     | 433     | 453     | 3.82   | cps   |
| Dysprosium | 156-1 | 25      | 25      | 25      | 25      | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 33      | 25      | 0       | 19      | 89.21  | cps   |
| Erbium     | 164-2 | 10      | 3       | 10      | 8       | 49.52  | cps   |
| Gadolinium | 160-1 | 25      | 92      | 75      | 64      | 54.31  | cps   |
| Gadolinium | 160-2 | 10      | 0       | 3       | 4       | 114.60 | cps   |
| Holmium    | 165-1 | 4673132 | 4733874 | 4778249 | 4728418 | 1.12   | cps   |
| Holmium    | 165-2 | 1537660 | 1535302 | 1503828 | 1525597 | 1.24   | cps   |
| Indium     | 115-1 | 4817347 | 4775291 | 4812330 | 4801656 | 0.48   | cps   |
| Indium     | 115-2 | 306476  | 304978  | 300565  | 304006  | 1.01   | cps   |
| Iron       | 56-2  | 3178    | 3167    | 3184    | 3176    | 0.27   | cps   |
| Iron       | 57-2  | 144     | 128     | 106     | 126     | 15.49  | cps   |
| Lead       | 206-1 | 478     | 389     | 344     | 404     | 16.82  | cps   |
| Lead       | 207-1 | 406     | 361     | 372     | 380     | 6.09   | cps   |
| Lead       | 208-1 | 1739    | 1567    | 1567    | 1624    | 6.12   | cps   |
| Lithium    | 6-1   | 861554  | 855158  | 875602  | 864105  | 1.21   | cps   |
| Magnesium  | 24-2  | 83      | 67      | 58      | 69      | 18.33  | cps   |
| Manganese  | 55-2  | 67      | 33      | 63      | 54      | 33.72  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:57:46 | DataFile Name :   | 113SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 142     | 117     | 108     | 122     | 14.19  | cps   |
| Molybdenum | 95-1  | 8       | 17      | 0       | 8       | 100.02 | cps   |
| Molybdenum | 96-1  | 33      | 75      | 67      | 58      | 37.80  | cps   |
| Molybdenum | 97-1  | 58      | 58      | 50      | 56      | 8.67   | cps   |
| Molybdenum | 98-1  | 8       | 17      | 0       | 8       | 100.02 | cps   |
| Neodymium  | 150-1 | 20      | 0       | 13      | 11      | 91.66  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 80      | 47      | 63      | 63      | 26.31  | cps   |
| Phosphorus | 31-2  | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Potassium  | 39-2  | 4059    | 4251    | 4109    | 4140    | 2.40   | cps   |
| Rhodium    | 103-1 | 4734448 | 4738689 | 4638660 | 4703932 | 1.20   | cps   |
| Rhodium    | 103-2 | 1610898 | 1613809 | 1574247 | 1599651 | 1.38   | cps   |
| Scandium   | 45-1  | 3445461 | 3476131 | 3438897 | 3453496 | 0.58   | cps   |
| Scandium   | 45-2  | 35134   | 34549   | 33938   | 34540   | 1.73   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 0       | 2       | 6       | 2       | 114.63 | cps   |
| Selenium   | 82-1  | -108    | -77     | -95     | -93     | -16.65 | cps   |
| Silicon    | 28-1  | 525174  | 525703  | 518211  | 523029  | 0.80   | cps   |
| Silver     | 109-1 | 83      | 75      | 33      | 64      | 41.93  | cps   |
| Silver     | 107-1 | 92      | 75      | 50      | 72      | 29.04  | cps   |
| Sodium     | 23-2  | 7519    | 7461    | 7769    | 7583    | 2.16   | cps   |
| Strontium  | 86-1  | 1475    | 1492    | 1609    | 1525    | 4.76   | cps   |
| Strontium  | 88-1  | 83      | 150     | 175     | 136     | 34.81  | cps   |
| Sulfur     | 34-1  | 467915  | 475821  | 477807  | 473848  | 1.10   | cps   |
| Terbium    | 159-1 | 5049097 | 5085281 | 5082953 | 5072444 | 0.40   | cps   |
| Terbium    | 159-2 | 1509352 | 1525766 | 1489164 | 1508094 | 1.22   | cps   |
| Thallium   | 203-1 | 150     | 125     | 150     | 142     | 10.19  | cps   |
| Thallium   | 205-1 | 233     | 375     | 258     | 289     | 26.18  | cps   |
| Tin        | 118-1 | 433     | 483     | 667     | 528     | 23.28  | cps   |
| Titanium   | 47-1  | 200     | 200     | 167     | 189     | 10.19  | cps   |
| Uranium    | 238-1 | 33      | 33      | 0       | 22      | 86.60  | cps   |
| Vanadium   | 51-2  | 23      | 13      | 13      | 17      | 34.65  | cps   |
| Yttrium    | 89-1  | 5449186 | 5410175 | 5506676 | 5455345 | 0.89   | cps   |
| Yttrium    | 89-2  | 233214  | 224510  | 226163  | 227962  | 2.03   | cps   |
| Zinc       | 66-2  | 30      | 57      | 17      | 34      | 59.13  | cps   |
| Zirconium  | 90-1  | 325     | 342     | 308     | 325     | 5.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 17:57:46 | DataFile Name :   | 113SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 67   | 83   | 69      | 18.33  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-18 Instrumnet Name : P8  
 Client Sample ID : DC20894-54-FL2-BRCL7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:00:56 DataFile Name : 114SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 800     | 808     | 642     | 750     | 12.52  | cps   |
| Antimony   | 121-1 | 542     | 700     | 608     | 617     | 12.89  | cps   |
| Arsenic    | 75-2  | 41      | 43      | 41      | 41      | 2.58   | cps   |
| Barium     | 135-1 | 38106   | 38215   | 37262   | 37861   | 1.38   | cps   |
| Barium     | 137-1 | 66794   | 65439   | 65629   | 65954   | 1.11   | cps   |
| Beryllium  | 9-1   | 22      | 28      | 44      | 31      | 36.74  | cps   |
| Bismuth    | 209-1 | 2875351 | 2852076 | 2830885 | 2852771 | 0.78   | cps   |
| Bismuth    | 209-2 | 1171901 | 1210546 | 1226774 | 1203074 | 2.34   | cps   |
| Boron      | 10-1  | 1192    | 1292    | 1250    | 1245    | 4.04   | cps   |
| Boron      | 11-1  | 5968    | 5951    | 5676    | 5865    | 2.79   | cps   |
| Cadmium    | 111-1 | 866     | 923     | 1119    | 970     | 13.68  | cps   |
| Cadmium    | 106-1 | 1200    | 1292    | 1550    | 1347    | 13.47  | cps   |
| Cadmium    | 108-1 | 4       | 8       | 17      | 10      | 65.47  | cps   |
| Calcium    | 43-1  | 151275  | 150104  | 153892  | 151757  | 1.28   | cps   |
| Calcium    | 44-1  | 2564677 | 2569464 | 2576586 | 2570242 | 0.23   | cps   |
| Chromium   | 52-2  | 1110    | 1017    | 1013    | 1047    | 5.24   | cps   |
| Cobalt     | 59-2  | 167     | 213     | 177     | 186     | 13.24  | cps   |
| Copper     | 63-2  | 214385  | 211300  | 211287  | 212324  | 0.84   | cps   |
| Dysprosium | 156-1 | 75      | 42      | 75      | 64      | 30.12  | cps   |
| Dysprosium | 156-2 | 17      | 17      | 13      | 16      | 12.40  | cps   |
| Erbium     | 164-1 | 83      | 42      | 25      | 50      | 60.09  | cps   |
| Erbium     | 164-2 | 10      | 17      | 27      | 18      | 47.19  | cps   |
| Gadolinium | 160-1 | 83      | 83      | 117     | 94      | 20.37  | cps   |
| Gadolinium | 160-2 | 20      | 37      | 47      | 34      | 39.11  | cps   |
| Holmium    | 165-1 | 5129989 | 5198897 | 5005347 | 5111411 | 1.92   | cps   |
| Holmium    | 165-2 | 1632163 | 1722022 | 1734258 | 1696148 | 3.29   | cps   |
| Indium     | 115-1 | 5173541 | 5231840 | 5269577 | 5224986 | 0.93   | cps   |
| Indium     | 115-2 | 320875  | 330978  | 331113  | 327655  | 1.79   | cps   |
| Iron       | 56-2  | 22063   | 22431   | 21834   | 22110   | 1.36   | cps   |
| Iron       | 57-2  | 656     | 506     | 973     | 711     | 33.52  | cps   |
| Lead       | 206-1 | 2400    | 2767    | 2878    | 2682    | 9.33   | cps   |
| Lead       | 207-1 | 2295    | 2339    | 2084    | 2239    | 6.10   | cps   |
| Lead       | 208-1 | 10363   | 10474   | 10458   | 10432   | 0.57   | cps   |
| Lithium    | 6-1   | 966158  | 953653  | 941096  | 953636  | 1.31   | cps   |
| Magnesium  | 24-2  | 55266   | 55032   | 56446   | 55581   | 1.36   | cps   |
| Manganese  | 55-2  | 4241    | 4234    | 4354    | 4276    | 1.58   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-18             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-54-FL2-BRCL7 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:00:56  | DataFile Name :   | 114SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 358     | 458     | 400     | 406     | 12.39  | cps   |
| Molybdenum | 95-1  | 250     | 192     | 142     | 194     | 27.89  | cps   |
| Molybdenum | 96-1  | 250     | 225     | 300     | 258     | 14.78  | cps   |
| Molybdenum | 97-1  | 133     | 208     | 133     | 158     | 27.35  | cps   |
| Molybdenum | 98-1  | 258     | 267     | 250     | 258     | 3.23   | cps   |
| Neodymium  | 150-1 | 60      | 47      | 60      | 56      | 13.85  | cps   |
| Neodymium  | 150-2 | 7       | 7       | 3       | 6       | 34.70  | cps   |
| Nickel     | 60-2  | 967     | 830     | 947     | 914     | 8.07   | cps   |
| Phosphorus | 31-2  | 450     | 458     | 542     | 483     | 10.49  | cps   |
| Potassium  | 39-2  | 20249   | 20683   | 20449   | 20460   | 1.06   | cps   |
| Rhodium    | 103-1 | 5034839 | 5019327 | 5099329 | 5051165 | 0.84   | cps   |
| Rhodium    | 103-2 | 1694272 | 1743676 | 1741441 | 1726463 | 1.62   | cps   |
| Scandium   | 45-1  | 3772660 | 3719765 | 3745068 | 3745831 | 0.71   | cps   |
| Scandium   | 45-2  | 35829   | 37707   | 38165   | 37234   | 3.32   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 0       | 9       | 4       | 4       | 107.89 | cps   |
| Selenium   | 82-1  | -64     | -38     | -3      | -35     | -88.30 | cps   |
| Silicon    | 28-1  | 5399373 | 5368852 | 5330756 | 5366327 | 0.64   | cps   |
| Silver     | 109-1 | 117     | 142     | 75      | 111     | 30.31  | cps   |
| Silver     | 107-1 | 100     | 67      | 125     | 97      | 30.10  | cps   |
| Sodium     | 23-2  | 1254530 | 1244255 | 1220249 | 1239678 | 1.42   | cps   |
| Strontium  | 86-1  | 59472   | 58367   | 60217   | 59352   | 1.57   | cps   |
| Strontium  | 88-1  | 503201  | 498477  | 495729  | 499136  | 0.76   | cps   |
| Sulfur     | 34-1  | 527911  | 524916  | 527525  | 526784  | 0.31   | cps   |
| Terbium    | 159-1 | 5534928 | 5451949 | 5433728 | 5473535 | 0.99   | cps   |
| Terbium    | 159-2 | 1609381 | 1704068 | 1711529 | 1674993 | 3.40   | cps   |
| Thallium   | 203-1 | 208     | 167     | 142     | 172     | 19.56  | cps   |
| Thallium   | 205-1 | 300     | 258     | 358     | 306     | 16.44  | cps   |
| Tin        | 118-1 | 717     | 700     | 708     | 708     | 1.18   | cps   |
| Titanium   | 47-1  | 583     | 733     | 675     | 664     | 11.39  | cps   |
| Uranium    | 238-1 | 250     | 258     | 333     | 281     | 16.36  | cps   |
| Vanadium   | 51-2  | 107     | 90      | 67      | 88      | 22.89  | cps   |
| Yttrium    | 89-1  | 5919830 | 5887403 | 5830623 | 5879285 | 0.77   | cps   |
| Yttrium    | 89-2  | 241692  | 247048  | 248466  | 245735  | 1.45   | cps   |
| Zinc       | 66-2  | 4547    | 4517    | 4788    | 4618    | 3.21   | cps   |
| Zirconium  | 90-1  | 667     | 875     | 692     | 745     | 15.29  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-18             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-54-FL2-BRCL7 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:00:56  | DataFile Name :   | 114SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 192  | 292  | 219     | 28.75  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-19 Instrumnet Name : P8  
 Client Sample ID : DC20894-55-FL2-CL7-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:04:05 DataFile Name : 115SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 158     | 133     | 117     | 136     | 15.41  | cps   |
| Antimony   | 121-1 | 558     | 600     | 567     | 575     | 3.83   | cps   |
| Arsenic    | 75-2  | 33      | 46      | 61      | 47      | 29.63  | cps   |
| Barium     | 135-1 | 34430   | 32508   | 33142   | 33360   | 2.94   | cps   |
| Barium     | 137-1 | 60439   | 57727   | 57786   | 58651   | 2.64   | cps   |
| Beryllium  | 9-1   | 50      | 56      | 39      | 48      | 17.63  | cps   |
| Bismuth    | 209-1 | 2876728 | 2819150 | 2804405 | 2833428 | 1.35   | cps   |
| Bismuth    | 209-2 | 1213344 | 1215196 | 1216973 | 1215171 | 0.15   | cps   |
| Boron      | 10-1  | 1392    | 1242    | 1525    | 1386    | 10.23  | cps   |
| Boron      | 11-1  | 6193    | 5918    | 5551    | 5888    | 5.47   | cps   |
| Cadmium    | 111-1 | 940     | 981     | 951     | 958     | 2.23   | cps   |
| Cadmium    | 106-1 | 1300    | 1325    | 1300    | 1308    | 1.10   | cps   |
| Cadmium    | 108-1 | 17      | 13      | 13      | 14      | 17.33  | cps   |
| Calcium    | 43-1  | 154677  | 153658  | 152790  | 153709  | 0.61   | cps   |
| Calcium    | 44-1  | 2606763 | 2573963 | 2599861 | 2593529 | 0.67   | cps   |
| Chromium   | 52-2  | 1063    | 940     | 1043    | 1016    | 6.52   | cps   |
| Cobalt     | 59-2  | 283     | 343     | 320     | 316     | 9.58   | cps   |
| Copper     | 63-2  | 318787  | 319990  | 317035  | 318604  | 0.47   | cps   |
| Dysprosium | 156-1 | 50      | 8       | 92      | 50      | 83.34  | cps   |
| Dysprosium | 156-2 | 13      | 20      | 13      | 16      | 24.76  | cps   |
| Erbium     | 164-1 | 17      | 75      | 83      | 58      | 62.27  | cps   |
| Erbium     | 164-2 | 20      | 23      | 20      | 21      | 9.11   | cps   |
| Gadolinium | 160-1 | 108     | 83      | 108     | 100     | 14.43  | cps   |
| Gadolinium | 160-2 | 30      | 20      | 27      | 26      | 19.92  | cps   |
| Holmium    | 165-1 | 5036255 | 5060312 | 5060210 | 5052259 | 0.27   | cps   |
| Holmium    | 165-2 | 1712599 | 1685287 | 1723516 | 1707134 | 1.15   | cps   |
| Indium     | 115-1 | 5284974 | 5127892 | 5243040 | 5218635 | 1.56   | cps   |
| Indium     | 115-2 | 329531  | 328927  | 325906  | 328121  | 0.59   | cps   |
| Iron       | 56-2  | 17512   | 17551   | 17612   | 17558   | 0.29   | cps   |
| Iron       | 57-2  | 550     | 533     | 428     | 504     | 13.16  | cps   |
| Lead       | 206-1 | 3856    | 3567    | 3745    | 3723    | 3.92   | cps   |
| Lead       | 207-1 | 3034    | 3084    | 2995    | 3038    | 1.47   | cps   |
| Lead       | 208-1 | 14459   | 14142   | 14181   | 14261   | 1.21   | cps   |
| Lithium    | 6-1   | 962080  | 946165  | 948806  | 952350  | 0.90   | cps   |
| Magnesium  | 24-2  | 62539   | 61123   | 61643   | 61768   | 1.16   | cps   |
| Manganese  | 55-2  | 3714    | 3817    | 3821    | 3784    | 1.60   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-19 Instrumnet Name : P8  
 Client Sample ID : DC20894-55-FL2-CL7-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:04:05 DataFile Name : 115SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 342     | 383     | 300     | 342     | 12.20  | cps   |
| Molybdenum | 95-1  | 150     | 142     | 117     | 136     | 12.75  | cps   |
| Molybdenum | 96-1  | 283     | 308     | 192     | 261     | 23.52  | cps   |
| Molybdenum | 97-1  | 208     | 183     | 200     | 197     | 6.46   | cps   |
| Molybdenum | 98-1  | 183     | 250     | 267     | 233     | 18.90  | cps   |
| Neodymium  | 150-1 | 27      | 40      | 53      | 40      | 33.33  | cps   |
| Neodymium  | 150-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 3527    | 3517    | 3441    | 3495    | 1.36   | cps   |
| Phosphorus | 31-2  | 475     | 442     | 508     | 475     | 7.02   | cps   |
| Potassium  | 39-2  | 19948   | 19906   | 19873   | 19909   | 0.19   | cps   |
| Rhodium    | 103-1 | 5104106 | 5037175 | 5053192 | 5064825 | 0.69   | cps   |
| Rhodium    | 103-2 | 1738294 | 1727242 | 1709541 | 1725026 | 0.84   | cps   |
| Scandium   | 45-1  | 3739929 | 3683862 | 3706223 | 3710005 | 0.76   | cps   |
| Scandium   | 45-2  | 37162   | 36762   | 37383   | 37102   | 0.85   | cps   |
| Selenium   | 77-2  | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 0       | 2       | 0       | 1       | 173.21 | cps   |
| Selenium   | 82-1  | 81      | -9      | 28      | 33      | 136.16 | cps   |
| Silicon    | 28-1  | 5333878 | 5262194 | 5352899 | 5316323 | 0.90   | cps   |
| Silver     | 109-1 | 150     | 233     | 167     | 183     | 24.06  | cps   |
| Silver     | 107-1 | 233     | 183     | 117     | 178     | 32.93  | cps   |
| Sodium     | 23-2  | 1227065 | 1235825 | 1245688 | 1236193 | 0.75   | cps   |
| Strontium  | 86-1  | 57639   | 57363   | 56058   | 57020   | 1.48   | cps   |
| Strontium  | 88-1  | 485570  | 484408  | 477636  | 482538  | 0.89   | cps   |
| Sulfur     | 34-1  | 526301  | 523748  | 528582  | 526210  | 0.46   | cps   |
| Terbium    | 159-1 | 5479225 | 5457903 | 5390940 | 5442689 | 0.85   | cps   |
| Terbium    | 159-2 | 1722821 | 1684992 | 1659337 | 1689050 | 1.89   | cps   |
| Thallium   | 203-1 | 167     | 92      | 150     | 136     | 28.93  | cps   |
| Thallium   | 205-1 | 250     | 225     | 292     | 256     | 13.18  | cps   |
| Tin        | 118-1 | 750     | 817     | 758     | 775     | 4.69   | cps   |
| Titanium   | 47-1  | 783     | 683     | 642     | 703     | 10.36  | cps   |
| Uranium    | 238-1 | 233     | 225     | 250     | 236     | 5.39   | cps   |
| Vanadium   | 51-2  | 100     | 47      | 57      | 68      | 41.82  | cps   |
| Yttrium    | 89-1  | 5995306 | 5910482 | 5802618 | 5902802 | 1.64   | cps   |
| Yttrium    | 89-2  | 247431  | 246557  | 245528  | 246505  | 0.39   | cps   |
| Zinc       | 66-2  | 38196   | 38076   | 37648   | 37973   | 0.76   | cps   |
| Zirconium  | 90-1  | 833     | 867     | 633     | 778     | 16.23  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-19             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-55-FL2-CL7-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:04:05  | DataFile Name :   | 115SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 192  | 192  | 178     | 13.53  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-20 Instrumnet Name : P8  
 Client Sample ID : DC20894-56-FL2-CL7-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:07:12 DataFile Name : 116SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 150     | 175     | 133     | 153     | 13.73  | cps   |
| Antimony   | 121-1 | 383     | 558     | 517     | 486     | 18.80  | cps   |
| Arsenic    | 75-2  | 50      | 44      | 41      | 45      | 10.34  | cps   |
| Barium     | 135-1 | 34020   | 33469   | 32642   | 33377   | 2.08   | cps   |
| Barium     | 137-1 | 58338   | 57116   | 56572   | 57342   | 1.58   | cps   |
| Beryllium  | 9-1   | 50      | 83      | 44      | 59      | 35.49  | cps   |
| Bismuth    | 209-1 | 2662562 | 2578150 | 2632158 | 2624290 | 1.63   | cps   |
| Bismuth    | 209-2 | 1162666 | 1173516 | 1182191 | 1172791 | 0.83   | cps   |
| Boron      | 10-1  | 1325    | 942     | 1158    | 1142    | 16.84  | cps   |
| Boron      | 11-1  | 5551    | 5943    | 5926    | 5807    | 3.82   | cps   |
| Cadmium    | 111-1 | 1082    | 1089    | 871     | 1014    | 12.20  | cps   |
| Cadmium    | 106-1 | 1533    | 1500    | 1233    | 1422    | 11.56  | cps   |
| Cadmium    | 108-1 | 29      | 4       | 13      | 15      | 83.31  | cps   |
| Calcium    | 43-1  | 152831  | 149001  | 148165  | 149999  | 1.66   | cps   |
| Calcium    | 44-1  | 2602340 | 2566434 | 2548854 | 2572543 | 1.06   | cps   |
| Chromium   | 52-2  | 1070    | 1123    | 1100    | 1098    | 2.44   | cps   |
| Cobalt     | 59-2  | 103     | 103     | 130     | 112     | 13.72  | cps   |
| Copper     | 63-2  | 318546  | 318609  | 318825  | 318660  | 0.05   | cps   |
| Dysprosium | 156-1 | 58      | 58      | 67      | 61      | 7.87   | cps   |
| Dysprosium | 156-2 | 40      | 30      | 10      | 27      | 57.28  | cps   |
| Erbium     | 164-1 | 75      | 58      | 42      | 58      | 28.57  | cps   |
| Erbium     | 164-2 | 23      | 20      | 10      | 18      | 39.03  | cps   |
| Gadolinium | 160-1 | 142     | 117     | 142     | 133     | 10.83  | cps   |
| Gadolinium | 160-2 | 13      | 30      | 20      | 21      | 39.75  | cps   |
| Holmium    | 165-1 | 4861087 | 4757670 | 4834573 | 4817777 | 1.11   | cps   |
| Holmium    | 165-2 | 1622212 | 1639894 | 1677227 | 1646445 | 1.71   | cps   |
| Indium     | 115-1 | 5056613 | 4988824 | 5023234 | 5022890 | 0.67   | cps   |
| Indium     | 115-2 | 325037  | 327105  | 328864  | 327002  | 0.59   | cps   |
| Iron       | 56-2  | 22420   | 22769   | 21579   | 22256   | 2.75   | cps   |
| Iron       | 57-2  | 606     | 722     | 572     | 633     | 12.44  | cps   |
| Lead       | 206-1 | 1745    | 1689    | 1667    | 1700    | 2.36   | cps   |
| Lead       | 207-1 | 1506    | 1395    | 1383    | 1428    | 4.73   | cps   |
| Lead       | 208-1 | 6773    | 6445    | 6512    | 6577    | 2.63   | cps   |
| Lithium    | 6-1   | 928795  | 920271  | 912251  | 920439  | 0.90   | cps   |
| Magnesium  | 24-2  | 56514   | 56120   | 56613   | 56416   | 0.46   | cps   |
| Manganese  | 55-2  | 5474    | 5571    | 5171    | 5406    | 3.86   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-20             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-56-FL2-CL7-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:07:12  | DataFile Name :   | 116SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 425     | 383     | 383     | 397     | 6.06   | cps   |
| Molybdenum | 95-1  | 175     | 233     | 133     | 181     | 27.82  | cps   |
| Molybdenum | 96-1  | 200     | 292     | 200     | 231     | 22.95  | cps   |
| Molybdenum | 97-1  | 150     | 217     | 142     | 169     | 24.26  | cps   |
| Molybdenum | 98-1  | 233     | 242     | 358     | 278     | 25.16  | cps   |
| Neodymium  | 150-1 | 67      | 40      | 40      | 49      | 31.50  | cps   |
| Neodymium  | 150-2 | 7       | 13      | 7       | 9       | 43.25  | cps   |
| Nickel     | 60-2  | 683     | 670     | 610     | 654     | 5.97   | cps   |
| Phosphorus | 31-2  | 508     | 383     | 458     | 450     | 13.98  | cps   |
| Potassium  | 39-2  | 21618   | 21183   | 21284   | 21361   | 1.06   | cps   |
| Rhodium    | 103-1 | 4932895 | 4883401 | 4859681 | 4891992 | 0.76   | cps   |
| Rhodium    | 103-2 | 1708923 | 1728238 | 1723001 | 1720054 | 0.58   | cps   |
| Scandium   | 45-1  | 3669803 | 3679996 | 3656957 | 3668919 | 0.31   | cps   |
| Scandium   | 45-2  | 38042   | 37266   | 37637   | 37648   | 1.03   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 2       | 7       | 4       | 86.68  | cps   |
| Selenium   | 82-1  | -83     | -98     | -117    | -99     | -17.00 | cps   |
| Silicon    | 28-1  | 5386324 | 5387104 | 5447620 | 5407016 | 0.65   | cps   |
| Silver     | 109-1 | 117     | 175     | 200     | 164     | 26.09  | cps   |
| Silver     | 107-1 | 133     | 158     | 183     | 158     | 15.79  | cps   |
| Sodium     | 23-2  | 1249970 | 1245790 | 1266866 | 1254209 | 0.89   | cps   |
| Strontium  | 86-1  | 58025   | 55806   | 56477   | 56769   | 2.00   | cps   |
| Strontium  | 88-1  | 485748  | 477824  | 464930  | 476167  | 2.21   | cps   |
| Sulfur     | 34-1  | 605297  | 609453  | 606357  | 607035  | 0.36   | cps   |
| Terbium    | 159-1 | 5277496 | 5170431 | 5172513 | 5206813 | 1.18   | cps   |
| Terbium    | 159-2 | 1559332 | 1615821 | 1662396 | 1612516 | 3.20   | cps   |
| Thallium   | 203-1 | 158     | 142     | 108     | 136     | 18.70  | cps   |
| Thallium   | 205-1 | 275     | 350     | 283     | 303     | 13.58  | cps   |
| Tin        | 118-1 | 442     | 475     | 492     | 469     | 5.42   | cps   |
| Titanium   | 47-1  | 750     | 708     | 875     | 778     | 11.16  | cps   |
| Uranium    | 238-1 | 183     | 233     | 233     | 217     | 13.33  | cps   |
| Vanadium   | 51-2  | 70      | 77      | 67      | 71      | 7.16   | cps   |
| Yttrium    | 89-1  | 5799133 | 5734210 | 5592951 | 5708765 | 1.85   | cps   |
| Yttrium    | 89-2  | 246124  | 248544  | 248300  | 247656  | 0.54   | cps   |
| Zinc       | 66-2  | 7602    | 7329    | 7576    | 7502    | 2.01   | cps   |
| Zirconium  | 90-1  | 808     | 700     | 883     | 797     | 11.56  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-20             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-56-FL2-CL7-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:07:12  | DataFile Name :   | 116SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 233  | 267  | 158  | 219     | 25.29  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-21 Instrumnet Name : P8  
 Client Sample ID : DC20894-57-FL3-CL12-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:10:21 DataFile Name : 117SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 142     | 158     | 100     | 133     | 22.53  | cps   |
| Antimony   | 121-1 | 517     | 525     | 533     | 525     | 1.59   | cps   |
| Arsenic    | 75-2  | 61      | 52      | 61      | 58      | 9.21   | cps   |
| Barium     | 135-1 | 32900   | 33001   | 32709   | 32870   | 0.45   | cps   |
| Barium     | 137-1 | 57761   | 57560   | 56923   | 57415   | 0.76   | cps   |
| Beryllium  | 9-1   | 83      | 78      | 33      | 65      | 42.29  | cps   |
| Bismuth    | 209-1 | 2650766 | 2573146 | 2608186 | 2610699 | 1.49   | cps   |
| Bismuth    | 209-2 | 1149512 | 1153827 | 1153062 | 1152134 | 0.20   | cps   |
| Boron      | 10-1  | 1117    | 1308    | 1325    | 1250    | 9.26   | cps   |
| Boron      | 11-1  | 5651    | 5518    | 6002    | 5724    | 4.36   | cps   |
| Cadmium    | 111-1 | 892     | 904     | 880     | 892     | 1.31   | cps   |
| Cadmium    | 106-1 | 1283    | 1292    | 1250    | 1275    | 1.73   | cps   |
| Cadmium    | 108-1 | 33      | 13      | 4       | 17      | 90.12  | cps   |
| Calcium    | 43-1  | 150474  | 146450  | 147594  | 148173  | 1.40   | cps   |
| Calcium    | 44-1  | 2563115 | 2509052 | 2533711 | 2535293 | 1.07   | cps   |
| Chromium   | 52-2  | 983     | 947     | 1100    | 1010    | 7.93   | cps   |
| Cobalt     | 59-2  | 130     | 153     | 97      | 127     | 22.48  | cps   |
| Copper     | 63-2  | 300881  | 297933  | 298966  | 299260  | 0.50   | cps   |
| Dysprosium | 156-1 | 42      | 33      | 33      | 36      | 13.33  | cps   |
| Dysprosium | 156-2 | 17      | 13      | 30      | 20      | 44.10  | cps   |
| Erbium     | 164-1 | 75      | 75      | 50      | 67      | 21.65  | cps   |
| Erbium     | 164-2 | 10      | 37      | 17      | 21      | 65.74  | cps   |
| Gadolinium | 160-1 | 92      | 67      | 83      | 81      | 15.80  | cps   |
| Gadolinium | 160-2 | 17      | 17      | 10      | 14      | 26.66  | cps   |
| Holmium    | 165-1 | 4774443 | 4741507 | 4672305 | 4729419 | 1.10   | cps   |
| Holmium    | 165-2 | 1560241 | 1613706 | 1557772 | 1577239 | 2.00   | cps   |
| Indium     | 115-1 | 4985747 | 4994497 | 4873622 | 4951289 | 1.36   | cps   |
| Indium     | 115-2 | 321154  | 321871  | 323169  | 322065  | 0.32   | cps   |
| Iron       | 56-2  | 20216   | 19398   | 22434   | 20682   | 7.60   | cps   |
| Iron       | 57-2  | 367     | 500     | 444     | 437     | 15.33  | cps   |
| Lead       | 206-1 | 2184    | 1922    | 2061    | 2056    | 6.36   | cps   |
| Lead       | 207-1 | 1850    | 1956    | 1850    | 1885    | 3.23   | cps   |
| Lead       | 208-1 | 8401    | 8285    | 8368    | 8351    | 0.72   | cps   |
| Lithium    | 6-1   | 919955  | 916469  | 920295  | 918906  | 0.23   | cps   |
| Magnesium  | 24-2  | 56865   | 55192   | 55786   | 55947   | 1.52   | cps   |
| Manganese  | 55-2  | 4658    | 5004    | 4708    | 4790    | 3.91   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-21              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-57-FL3-CL12-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:10:21   | DataFile Name :   | 117SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 258     | 308     | 308     | 292     | 9.90    | cps   |
| Molybdenum | 95-1  | 142     | 167     | 175     | 161     | 10.77   | cps   |
| Molybdenum | 96-1  | 175     | 283     | 142     | 200     | 37.04   | cps   |
| Molybdenum | 97-1  | 125     | 150     | 167     | 147     | 14.24   | cps   |
| Molybdenum | 98-1  | 325     | 275     | 267     | 289     | 10.92   | cps   |
| Neodymium  | 150-1 | 20      | 20      | 67      | 36      | 75.78   | cps   |
| Neodymium  | 150-2 | 7       | 7       | 0       | 4       | 86.60   | cps   |
| Nickel     | 60-2  | 927     | 907     | 917     | 917     | 1.09    | cps   |
| Phosphorus | 31-2  | 542     | 467     | 450     | 486     | 10.05   | cps   |
| Potassium  | 39-2  | 20941   | 20800   | 21033   | 20925   | 0.56    | cps   |
| Rhodium    | 103-1 | 4858681 | 4811776 | 4840254 | 4836904 | 0.49    | cps   |
| Rhodium    | 103-2 | 1696151 | 1690633 | 1679358 | 1688714 | 0.51    | cps   |
| Scandium   | 45-1  | 3648325 | 3681658 | 3642898 | 3657627 | 0.57    | cps   |
| Scandium   | 45-2  | 37550   | 38021   | 37687   | 37753   | 0.64    | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60   | cps   |
| Selenium   | 78-2  | 2       | 6       | 4       | 4       | 50.09   | cps   |
| Selenium   | 82-1  | -136    | -26     | 10      | -51     | -150.34 | cps   |
| Silicon    | 28-1  | 5335161 | 5281995 | 5324162 | 5313772 | 0.53    | cps   |
| Silver     | 109-1 | 242     | 183     | 200     | 208     | 14.42   | cps   |
| Silver     | 107-1 | 233     | 250     | 117     | 200     | 36.33   | cps   |
| Sodium     | 23-2  | 1242706 | 1239589 | 1232644 | 1238313 | 0.42    | cps   |
| Strontium  | 86-1  | 55924   | 54175   | 54728   | 54942   | 1.63    | cps   |
| Strontium  | 88-1  | 470942  | 466286  | 459563  | 465597  | 1.23    | cps   |
| Sulfur     | 34-1  | 604964  | 609722  | 606441  | 607042  | 0.40    | cps   |
| Terbium    | 159-1 | 5078543 | 5011972 | 5128584 | 5073033 | 1.15    | cps   |
| Terbium    | 159-2 | 1534429 | 1582907 | 1590584 | 1569307 | 1.94    | cps   |
| Thallium   | 203-1 | 158     | 133     | 92      | 128     | 26.36   | cps   |
| Thallium   | 205-1 | 250     | 325     | 333     | 303     | 15.16   | cps   |
| Tin        | 118-1 | 525     | 633     | 500     | 553     | 12.82   | cps   |
| Titanium   | 47-1  | 708     | 708     | 758     | 725     | 3.98    | cps   |
| Uranium    | 238-1 | 233     | 200     | 242     | 225     | 9.80    | cps   |
| Vanadium   | 51-2  | 70      | 70      | 63      | 68      | 5.68    | cps   |
| Yttrium    | 89-1  | 5676788 | 5661370 | 5621183 | 5653114 | 0.51    | cps   |
| Yttrium    | 89-2  | 249544  | 245913  | 245466  | 246974  | 0.91    | cps   |
| Zinc       | 66-2  | 9887    | 9850    | 10134   | 9957    | 1.55    | cps   |
| Zirconium  | 90-1  | 625     | 700     | 742     | 689     | 8.58    | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-21              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-57-FL3-CL12-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:10:21   | DataFile Name :   | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 150  | 192  | 181     | 14.84  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-22 Instrumnet Name : P8  
 Client Sample ID : DC20894-58-FL3-CL12-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:13:30 DataFile Name : 118SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 117     | 158     | 183     | 153     | 22.04  | cps   |
| Antimony   | 121-1 | 517     | 450     | 658     | 542     | 19.64  | cps   |
| Arsenic    | 75-2  | 52      | 65      | 43      | 53      | 21.03  | cps   |
| Barium     | 135-1 | 32098   | 33452   | 31764   | 32438   | 2.76   | cps   |
| Barium     | 137-1 | 55944   | 57401   | 57317   | 56887   | 1.44   | cps   |
| Beryllium  | 9-1   | 67      | 61      | 67      | 65      | 4.95   | cps   |
| Bismuth    | 209-1 | 2606287 | 2602546 | 2430426 | 2546420 | 3.95   | cps   |
| Bismuth    | 209-2 | 1156686 | 1154237 | 1143211 | 1151378 | 0.62   | cps   |
| Boron      | 10-1  | 1133    | 1283    | 1075    | 1164    | 9.23   | cps   |
| Boron      | 11-1  | 5993    | 5385    | 5493    | 5624    | 5.77   | cps   |
| Cadmium    | 111-1 | 889     | 1046    | 943     | 959     | 8.32   | cps   |
| Cadmium    | 106-1 | 1225    | 1425    | 1308    | 1320    | 7.61   | cps   |
| Cadmium    | 108-1 | 21      | 8       | 21      | 17      | 43.31  | cps   |
| Calcium    | 43-1  | 152673  | 149464  | 151696  | 151278  | 1.09   | cps   |
| Calcium    | 44-1  | 2566103 | 2539475 | 2535553 | 2547044 | 0.65   | cps   |
| Chromium   | 52-2  | 1077    | 1257    | 1267    | 1200    | 8.91   | cps   |
| Cobalt     | 59-2  | 190     | 130     | 190     | 170     | 20.38  | cps   |
| Copper     | 63-2  | 298509  | 301896  | 302803  | 301069  | 0.75   | cps   |
| Dysprosium | 156-1 | 33      | 17      | 33      | 28      | 34.63  | cps   |
| Dysprosium | 156-2 | 10      | 33      | 13      | 19      | 66.81  | cps   |
| Erbium     | 164-1 | 92      | 42      | 83      | 72      | 37.09  | cps   |
| Erbium     | 164-2 | 13      | 17      | 13      | 14      | 13.35  | cps   |
| Gadolinium | 160-1 | 42      | 75      | 58      | 58      | 28.57  | cps   |
| Gadolinium | 160-2 | 37      | 17      | 13      | 22      | 56.80  | cps   |
| Holmium    | 165-1 | 4751689 | 4701753 | 4416372 | 4623271 | 3.91   | cps   |
| Holmium    | 165-2 | 1575888 | 1600384 | 1561075 | 1579115 | 1.26   | cps   |
| Indium     | 115-1 | 4988523 | 4968373 | 4647260 | 4868052 | 3.93   | cps   |
| Indium     | 115-2 | 326222  | 324554  | 324218  | 324998  | 0.33   | cps   |
| Iron       | 56-2  | 20772   | 21562   | 23576   | 21970   | 6.58   | cps   |
| Iron       | 57-2  | 594     | 517     | 556     | 556     | 7.00   | cps   |
| Lead       | 206-1 | 3528    | 3234    | 3362    | 3375    | 4.38   | cps   |
| Lead       | 207-1 | 2739    | 2711    | 2600    | 2684    | 2.74   | cps   |
| Lead       | 208-1 | 12625   | 12342   | 12697   | 12555   | 1.50   | cps   |
| Lithium    | 6-1   | 910375  | 899738  | 862770  | 890961  | 2.80   | cps   |
| Magnesium  | 24-2  | 55902   | 55618   | 54740   | 55420   | 1.09   | cps   |
| Manganese  | 55-2  | 4054    | 4207    | 4047    | 4103    | 2.21   | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-22 Instrumnet Name : P8  
 Client Sample ID : DC20894-58-FL3-CL12-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:13:30 DataFile Name : 118SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 392     | 342     | 559     | 431     | 26.38  | cps   |
| Molybdenum | 95-1  | 175     | 233     | 208     | 206     | 14.24  | cps   |
| Molybdenum | 96-1  | 300     | 300     | 258     | 286     | 8.41   | cps   |
| Molybdenum | 97-1  | 192     | 192     | 158     | 181     | 10.66  | cps   |
| Molybdenum | 98-1  | 225     | 350     | 400     | 325     | 27.74  | cps   |
| Neodymium  | 150-1 | 27      | 60      | 33      | 40      | 44.09  | cps   |
| Neodymium  | 150-2 | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 3377    | 3487    | 3537    | 3467    | 2.36   | cps   |
| Phosphorus | 31-2  | 592     | 525     | 517     | 544     | 7.55   | cps   |
| Potassium  | 39-2  | 20900   | 21008   | 20323   | 20744   | 1.77   | cps   |
| Rhodium    | 103-1 | 4814870 | 4924392 | 4489159 | 4742807 | 4.77   | cps   |
| Rhodium    | 103-2 | 1703710 | 1711827 | 1705061 | 1706866 | 0.25   | cps   |
| Scandium   | 45-1  | 3662638 | 3629136 | 3381075 | 3557616 | 4.32   | cps   |
| Scandium   | 45-2  | 38931   | 38219   | 38155   | 38435   | 1.12   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 0       | 0       | 6       | 2       | 173.21 | cps   |
| Selenium   | 82-1  | 4       | -82     | 128     | 16      | 645.50 | cps   |
| Silicon    | 28-1  | 5281753 | 5282824 | 5208060 | 5257546 | 0.82   | cps   |
| Silver     | 109-1 | 175     | 158     | 183     | 172     | 7.39   | cps   |
| Silver     | 107-1 | 225     | 200     | 142     | 189     | 22.64  | cps   |
| Sodium     | 23-2  | 1248764 | 1249251 | 1230962 | 1242992 | 0.84   | cps   |
| Strontium  | 86-1  | 56493   | 56526   | 55481   | 56167   | 1.06   | cps   |
| Strontium  | 88-1  | 474865  | 472435  | 468718  | 472006  | 0.66   | cps   |
| Sulfur     | 34-1  | 599054  | 608625  | 604222  | 603967  | 0.79   | cps   |
| Terbium    | 159-1 | 5035811 | 5045168 | 4775839 | 4952273 | 3.09   | cps   |
| Terbium    | 159-2 | 1659106 | 1616432 | 1618493 | 1631344 | 1.48   | cps   |
| Thallium   | 203-1 | 158     | 142     | 225     | 175     | 25.20  | cps   |
| Thallium   | 205-1 | 292     | 375     | 342     | 336     | 12.48  | cps   |
| Tin        | 118-1 | 600     | 500     | 500     | 533     | 10.83  | cps   |
| Titanium   | 47-1  | 650     | 758     | 692     | 700     | 7.81   | cps   |
| Uranium    | 238-1 | 275     | 183     | 233     | 231     | 19.91  | cps   |
| Vanadium   | 51-2  | 80      | 63      | 63      | 69      | 13.97  | cps   |
| Yttrium    | 89-1  | 5759638 | 5727280 | 5322221 | 5603046 | 4.35   | cps   |
| Yttrium    | 89-2  | 247928  | 248076  | 247306  | 247770  | 0.16   | cps   |
| Zinc       | 66-2  | 16714   | 17328   | 16714   | 16918   | 2.10   | cps   |
| Zirconium  | 90-1  | 683     | 692     | 767     | 714     | 6.43   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-22              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-58-FL3-CL12-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:13:30   | DataFile Name :   | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 175  | 125  | 128     | 35.92  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-23 Instrumnet Name : P8  
 Client Sample ID : DC20894-59-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:16:38 DataFile Name : 119SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 75      | 183     | 175     | 144     | 41.74  | cps   |
| Antimony   | 121-1 | 475     | 408     | 417     | 433     | 8.38   | cps   |
| Arsenic    | 75-2  | 48      | 52      | 54      | 51      | 5.52   | cps   |
| Barium     | 135-1 | 32967   | 32524   | 32817   | 32769   | 0.69   | cps   |
| Barium     | 137-1 | 57258   | 56698   | 55409   | 56455   | 1.68   | cps   |
| Beryllium  | 9-1   | 44      | 44      | 39      | 43      | 7.54   | cps   |
| Bismuth    | 209-1 | 2689529 | 2652374 | 2615670 | 2652525 | 1.39   | cps   |
| Bismuth    | 209-2 | 1147445 | 1146553 | 1109794 | 1134598 | 1.89   | cps   |
| Boron      | 10-1  | 1017    | 1142    | 1133    | 1097    | 6.37   | cps   |
| Boron      | 11-1  | 5593    | 5551    | 5951    | 5699    | 3.86   | cps   |
| Cadmium    | 111-1 | 1096    | 945     | 1001    | 1014    | 7.56   | cps   |
| Cadmium    | 106-1 | 1559    | 1358    | 1417    | 1445    | 7.12   | cps   |
| Cadmium    | 108-1 | 4       | 21      | 4       | 10      | 98.92  | cps   |
| Calcium    | 43-1  | 149658  | 149145  | 148452  | 149085  | 0.41   | cps   |
| Calcium    | 44-1  | 2528957 | 2546104 | 2520274 | 2531778 | 0.52   | cps   |
| Chromium   | 52-2  | 1113    | 963     | 1053    | 1043    | 7.24   | cps   |
| Cobalt     | 59-2  | 103     | 77      | 133     | 104     | 27.14  | cps   |
| Copper     | 63-2  | 312744  | 316352  | 310871  | 313322  | 0.89   | cps   |
| Dysprosium | 156-1 | 33      | 42      | 33      | 36      | 13.33  | cps   |
| Dysprosium | 156-2 | 30      | 23      | 27      | 27      | 12.51  | cps   |
| Erbium     | 164-1 | 33      | 58      | 75      | 56      | 37.75  | cps   |
| Erbium     | 164-2 | 13      | 17      | 20      | 17      | 20.01  | cps   |
| Gadolinium | 160-1 | 100     | 92      | 92      | 94      | 5.09   | cps   |
| Gadolinium | 160-2 | 20      | 27      | 20      | 22      | 17.33  | cps   |
| Holmium    | 165-1 | 4742606 | 4810585 | 4683133 | 4745441 | 1.34   | cps   |
| Holmium    | 165-2 | 1635204 | 1626338 | 1560092 | 1607211 | 2.55   | cps   |
| Indium     | 115-1 | 4970384 | 5002772 | 4940604 | 4971253 | 0.63   | cps   |
| Indium     | 115-2 | 327147  | 333748  | 313090  | 324662  | 3.25   | cps   |
| Iron       | 56-2  | 21936   | 22062   | 27253   | 23750   | 12.78  | cps   |
| Iron       | 57-2  | 589     | 606     | 622     | 606     | 2.75   | cps   |
| Lead       | 206-1 | 1561    | 1389    | 1411    | 1454    | 6.44   | cps   |
| Lead       | 207-1 | 1089    | 1267    | 1161    | 1172    | 7.63   | cps   |
| Lead       | 208-1 | 5462    | 5578    | 5473    | 5504    | 1.17   | cps   |
| Lithium    | 6-1   | 926089  | 922300  | 902253  | 916881  | 1.40   | cps   |
| Magnesium  | 24-2  | 56672   | 56154   | 56296   | 56374   | 0.48   | cps   |
| Manganese  | 55-2  | 5391    | 5468    | 5434    | 5431    | 0.71   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-23 Instrumnet Name : P8  
 Client Sample ID : DC20894-59-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:16:38 DataFile Name : 119SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 367     | 342     | 258     | 322     | 17.60   | cps   |
| Molybdenum | 95-1  | 100     | 125     | 183     | 136     | 31.42   | cps   |
| Molybdenum | 96-1  | 175     | 325     | 250     | 250     | 30.00   | cps   |
| Molybdenum | 97-1  | 267     | 125     | 192     | 194     | 36.45   | cps   |
| Molybdenum | 98-1  | 258     | 300     | 208     | 256     | 17.96   | cps   |
| Neodymium  | 150-1 | 67      | 47      | 47      | 53      | 21.65   | cps   |
| Neodymium  | 150-2 | 3       | 10      | 7       | 7       | 50.03   | cps   |
| Nickel     | 60-2  | 587     | 543     | 440     | 523     | 14.40   | cps   |
| Phosphorus | 31-2  | 450     | 533     | 583     | 522     | 12.90   | cps   |
| Potassium  | 39-2  | 21567   | 20933   | 20908   | 21136   | 1.77    | cps   |
| Rhodium    | 103-1 | 4877824 | 4915078 | 4866153 | 4886352 | 0.52    | cps   |
| Rhodium    | 103-2 | 1717862 | 1716544 | 1617899 | 1684102 | 3.40    | cps   |
| Scandium   | 45-1  | 3716237 | 3707113 | 3637420 | 3686924 | 1.17    | cps   |
| Scandium   | 45-2  | 38172   | 38737   | 36407   | 37772   | 3.22    | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 0       | 2       | 7       | 3       | 124.95  | cps   |
| Selenium   | 82-1  | 16      | -65     | -26     | -25     | -161.38 | cps   |
| Silicon    | 28-1  | 5442647 | 5359239 | 5308808 | 5370231 | 1.26    | cps   |
| Silver     | 109-1 | 167     | 92      | 83      | 114     | 40.30   | cps   |
| Silver     | 107-1 | 108     | 125     | 100     | 111     | 11.46   | cps   |
| Sodium     | 23-2  | 1236194 | 1245546 | 1250375 | 1244038 | 0.58    | cps   |
| Strontium  | 86-1  | 55372   | 56175   | 54318   | 55288   | 1.68    | cps   |
| Strontium  | 88-1  | 471322  | 462598  | 462667  | 465529  | 1.08    | cps   |
| Sulfur     | 34-1  | 599022  | 597678  | 606197  | 600966  | 0.76    | cps   |
| Terbium    | 159-1 | 5161008 | 5121353 | 5090922 | 5124428 | 0.69    | cps   |
| Terbium    | 159-2 | 1609842 | 1602126 | 1576958 | 1596309 | 1.08    | cps   |
| Thallium   | 203-1 | 117     | 142     | 117     | 125     | 11.55   | cps   |
| Thallium   | 205-1 | 283     | 300     | 242     | 275     | 10.93   | cps   |
| Tin        | 118-1 | 467     | 508     | 600     | 525     | 12.99   | cps   |
| Titanium   | 47-1  | 658     | 600     | 625     | 628     | 4.66    | cps   |
| Uranium    | 238-1 | 183     | 242     | 242     | 222     | 15.15   | cps   |
| Vanadium   | 51-2  | 70      | 77      | 110     | 86      | 25.05   | cps   |
| Yttrium    | 89-1  | 5735167 | 5734940 | 5628686 | 5699598 | 1.08    | cps   |
| Yttrium    | 89-2  | 250688  | 249107  | 239484  | 246426  | 2.46    | cps   |
| Zinc       | 66-2  | 6702    | 6768    | 6752    | 6741    | 0.52    | cps   |
| Zirconium  | 90-1  | 775     | 642     | 717     | 711     | 9.40    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-23             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-59-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:16:38  | DataFile Name :   | 119SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 192  | 75   | 136     | 43.01  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-24 Instrumnet Name : P8  
 Client Sample ID : DC20894-60-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:19:47 DataFile Name : 120SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 150     | 125     | 50      | 108     | 48.04  | cps   |
| Antimony   | 121-1 | 650     | 650     | 450     | 583     | 19.80  | cps   |
| Arsenic    | 75-2  | 50      | 44      | 46      | 47      | 6.03   | cps   |
| Barium     | 135-1 | 32357   | 32783   | 32792   | 32644   | 0.76   | cps   |
| Barium     | 137-1 | 58908   | 56949   | 56990   | 57616   | 1.94   | cps   |
| Beryllium  | 9-1   | 61      | 28      | 28      | 39      | 49.48  | cps   |
| Bismuth    | 209-1 | 2450199 | 2605483 | 2639835 | 2565172 | 3.94   | cps   |
| Bismuth    | 209-2 | 1167549 | 1170325 | 1169859 | 1169244 | 0.13   | cps   |
| Boron      | 10-1  | 1133    | 1150    | 1058    | 1114    | 4.38   | cps   |
| Boron      | 11-1  | 5501    | 6060    | 5843    | 5801    | 4.85   | cps   |
| Cadmium    | 111-1 | 861     | 1024    | 1001    | 962     | 9.14   | cps   |
| Cadmium    | 106-1 | 1192    | 1433    | 1417    | 1347    | 10.02  | cps   |
| Cadmium    | 108-1 | 21      | 13      | 17      | 17      | 24.99  | cps   |
| Calcium    | 43-1  | 148866  | 148873  | 148925  | 148888  | 0.02   | cps   |
| Calcium    | 44-1  | 2549907 | 2524883 | 2530349 | 2535046 | 0.52   | cps   |
| Chromium   | 52-2  | 1047    | 1070    | 1137    | 1085    | 4.31   | cps   |
| Cobalt     | 59-2  | 157     | 120     | 107     | 128     | 20.26  | cps   |
| Copper     | 63-2  | 286386  | 284470  | 285881  | 285579  | 0.35   | cps   |
| Dysprosium | 156-1 | 67      | 75      | 58      | 67      | 12.49  | cps   |
| Dysprosium | 156-2 | 13      | 0       | 10      | 8       | 89.21  | cps   |
| Erbium     | 164-1 | 67      | 42      | 42      | 50      | 28.87  | cps   |
| Erbium     | 164-2 | 23      | 10      | 17      | 17      | 39.99  | cps   |
| Gadolinium | 160-1 | 58      | 58      | 75      | 64      | 15.05  | cps   |
| Gadolinium | 160-2 | 40      | 17      | 17      | 24      | 55.10  | cps   |
| Holmium    | 165-1 | 4585979 | 4658250 | 4768622 | 4670950 | 1.97   | cps   |
| Holmium    | 165-2 | 1628174 | 1619249 | 1626919 | 1624780 | 0.30   | cps   |
| Indium     | 115-1 | 4679804 | 4948358 | 4991272 | 4873145 | 3.46   | cps   |
| Indium     | 115-2 | 330853  | 327809  | 328506  | 329056  | 0.48   | cps   |
| Iron       | 56-2  | 17812   | 21183   | 18408   | 19134   | 9.40   | cps   |
| Iron       | 57-2  | 500     | 428     | 472     | 467     | 7.81   | cps   |
| Lead       | 206-1 | 2873    | 2812    | 2684    | 2789    | 3.46   | cps   |
| Lead       | 207-1 | 2267    | 2239    | 2356    | 2287    | 2.66   | cps   |
| Lead       | 208-1 | 10963   | 11119   | 10663   | 10915   | 2.12   | cps   |
| Lithium    | 6-1   | 873398  | 910744  | 892842  | 892328  | 2.09   | cps   |
| Magnesium  | 24-2  | 56472   | 55534   | 55568   | 55858   | 0.95   | cps   |
| Manganese  | 55-2  | 4097    | 4274    | 3997    | 4123    | 3.40   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-24             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-60-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:19:47  | DataFile Name :   | 120SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 358     | 358     | 342     | 353     | 2.73   | cps   |
| Molybdenum | 95-1  | 208     | 217     | 200     | 208     | 4.00   | cps   |
| Molybdenum | 96-1  | 200     | 200     | 292     | 231     | 22.95  | cps   |
| Molybdenum | 97-1  | 142     | 142     | 200     | 161     | 20.91  | cps   |
| Molybdenum | 98-1  | 167     | 175     | 208     | 183     | 12.02  | cps   |
| Neodymium  | 150-1 | 53      | 27      | 60      | 47      | 37.79  | cps   |
| Neodymium  | 150-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 1457    | 1590    | 1723    | 1590    | 8.39   | cps   |
| Phosphorus | 31-2  | 467     | 417     | 533     | 472     | 12.40  | cps   |
| Potassium  | 39-2  | 21709   | 20650   | 21709   | 21356   | 2.86   | cps   |
| Rhodium    | 103-1 | 4593892 | 4825731 | 4875330 | 4764984 | 3.15   | cps   |
| Rhodium    | 103-2 | 1713145 | 1702207 | 1716680 | 1710677 | 0.44   | cps   |
| Scandium   | 45-1  | 3510414 | 3608717 | 3618613 | 3579248 | 1.67   | cps   |
| Scandium   | 45-2  | 38393   | 37878   | 38366   | 38212   | 0.76   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 0       | 2       | 4       | 2       | 100.00 | cps   |
| Selenium   | 82-1  | 34      | -24     | 7       | 6       | 500.97 | cps   |
| Silicon    | 28-1  | 5277464 | 5438291 | 5243561 | 5319772 | 1.96   | cps   |
| Silver     | 109-1 | 142     | 142     | 158     | 147     | 6.54   | cps   |
| Silver     | 107-1 | 167     | 242     | 150     | 186     | 26.24  | cps   |
| Sodium     | 23-2  | 1238555 | 1239343 | 1237267 | 1238388 | 0.08   | cps   |
| Strontium  | 86-1  | 57497   | 55882   | 54736   | 56038   | 2.48   | cps   |
| Strontium  | 88-1  | 464396  | 470681  | 468812  | 467963  | 0.69   | cps   |
| Sulfur     | 34-1  | 600704  | 592705  | 591451  | 594953  | 0.84   | cps   |
| Terbium    | 159-1 | 4780562 | 4970684 | 5091896 | 4947714 | 3.17   | cps   |
| Terbium    | 159-2 | 1669066 | 1619003 | 1575659 | 1621243 | 2.88   | cps   |
| Thallium   | 203-1 | 150     | 92      | 183     | 142     | 32.75  | cps   |
| Thallium   | 205-1 | 317     | 350     | 242     | 303     | 18.33  | cps   |
| Tin        | 118-1 | 475     | 600     | 517     | 531     | 12.00  | cps   |
| Titanium   | 47-1  | 2270    | 1000    | 767     | 1345    | 60.11  | cps   |
| Uranium    | 238-1 | 267     | 217     | 192     | 225     | 16.97  | cps   |
| Vanadium   | 51-2  | 97      | 70      | 87      | 84      | 15.95  | cps   |
| Yttrium    | 89-1  | 5454783 | 5664489 | 5700045 | 5606439 | 2.36   | cps   |
| Yttrium    | 89-2  | 250802  | 249554  | 249503  | 249953  | 0.29   | cps   |
| Zinc       | 66-2  | 14087   | 14011   | 14324   | 14141   | 1.16   | cps   |
| Zirconium  | 90-1  | 625     | 642     | 725     | 664     | 8.07   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-24             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-60-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:19:47  | DataFile Name :   | 120SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 125  | 142  | 144     | 14.52  | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-25 Instrumnet Name : P8  
 Client Sample ID : DC20894-61-FL3-BRA1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:22:56 DataFile Name : 121SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 117     | 125     | 158     | 133     | 16.54  | cps   |
| Antimony   | 121-1 | 692     | 633     | 542     | 622     | 12.15  | cps   |
| Arsenic    | 75-2  | 50      | 43      | 20      | 38      | 40.95  | cps   |
| Barium     | 135-1 | 33527   | 33669   | 33276   | 33491   | 0.59   | cps   |
| Barium     | 137-1 | 56714   | 57284   | 57635   | 57211   | 0.81   | cps   |
| Beryllium  | 9-1   | 56      | 100     | 72      | 76      | 29.57  | cps   |
| Bismuth    | 209-1 | 2666355 | 2649901 | 2636179 | 2650812 | 0.57   | cps   |
| Bismuth    | 209-2 | 1188884 | 1173568 | 1122601 | 1161684 | 2.99   | cps   |
| Boron      | 10-1  | 1250    | 1058    | 1242    | 1183    | 9.16   | cps   |
| Boron      | 11-1  | 5460    | 5776    | 5385    | 5540    | 3.75   | cps   |
| Cadmium    | 111-1 | 1030    | 1000    | 1048    | 1026    | 2.38   | cps   |
| Cadmium    | 106-1 | 1458    | 1375    | 1492    | 1442    | 4.17   | cps   |
| Cadmium    | 108-1 | 17      | 13      | 13      | 14      | 17.33  | cps   |
| Calcium    | 43-1  | 149109  | 147855  | 149707  | 148891  | 0.63   | cps   |
| Calcium    | 44-1  | 2576883 | 2562691 | 2544899 | 2561491 | 0.63   | cps   |
| Chromium   | 52-2  | 1047    | 1143    | 1070    | 1087    | 4.64   | cps   |
| Cobalt     | 59-2  | 120     | 117     | 113     | 117     | 2.85   | cps   |
| Copper     | 63-2  | 346930  | 345360  | 342128  | 344806  | 0.71   | cps   |
| Dysprosium | 156-1 | 50      | 42      | 83      | 58      | 37.80  | cps   |
| Dysprosium | 156-2 | 23      | 17      | 13      | 18      | 28.64  | cps   |
| Erbium     | 164-1 | 58      | 33      | 33      | 42      | 34.65  | cps   |
| Erbium     | 164-2 | 27      | 7       | 3       | 12      | 103.26 | cps   |
| Gadolinium | 160-1 | 108     | 108     | 25      | 81      | 59.73  | cps   |
| Gadolinium | 160-2 | 13      | 33      | 27      | 24      | 41.66  | cps   |
| Holmium    | 165-1 | 4837393 | 4806972 | 4745370 | 4796578 | 0.98   | cps   |
| Holmium    | 165-2 | 1662484 | 1664466 | 1580701 | 1635884 | 2.92   | cps   |
| Indium     | 115-1 | 5000617 | 4980488 | 4933050 | 4971385 | 0.70   | cps   |
| Indium     | 115-2 | 331199  | 328924  | 319097  | 326407  | 1.97   | cps   |
| Iron       | 56-2  | 18731   | 17111   | 17980   | 17941   | 4.52   | cps   |
| Iron       | 57-2  | 644     | 489     | 461     | 532     | 18.59  | cps   |
| Lead       | 206-1 | 3467    | 3201    | 3173    | 3280    | 4.96   | cps   |
| Lead       | 207-1 | 2800    | 2761    | 3017    | 2860    | 4.82   | cps   |
| Lead       | 208-1 | 12697   | 12692   | 12970   | 12786   | 1.24   | cps   |
| Lithium    | 6-1   | 936012  | 922663  | 913417  | 924031  | 1.23   | cps   |
| Magnesium  | 24-2  | 56003   | 55994   | 56530   | 56176   | 0.55   | cps   |
| Manganese  | 55-2  | 4237    | 4027    | 4151    | 4138    | 2.55   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-25 Instrumnet Name : P8  
 Client Sample ID : DC20894-61-FL3-BRA1-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:22:56 DataFile Name : 121SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 250     | 300     | 333     | 294     | 14.25  | cps   |
| Molybdenum | 95-1  | 142     | 233     | 100     | 158     | 43.08  | cps   |
| Molybdenum | 96-1  | 217     | 208     | 208     | 211     | 2.28   | cps   |
| Molybdenum | 97-1  | 158     | 175     | 192     | 175     | 9.53   | cps   |
| Molybdenum | 98-1  | 225     | 200     | 200     | 208     | 6.93   | cps   |
| Neodymium  | 150-1 | 67      | 27      | 33      | 42      | 50.75  | cps   |
| Neodymium  | 150-2 | 13      | 10      | 13      | 12      | 15.73  | cps   |
| Nickel     | 60-2  | 2970    | 3174    | 2800    | 2981    | 6.27   | cps   |
| Phosphorus | 31-2  | 583     | 483     | 533     | 533     | 9.38   | cps   |
| Potassium  | 39-2  | 20357   | 21475   | 21058   | 20964   | 2.70   | cps   |
| Rhodium    | 103-1 | 4938525 | 4956226 | 4863722 | 4919491 | 1.00   | cps   |
| Rhodium    | 103-2 | 1755520 | 1751786 | 1671680 | 1726329 | 2.74   | cps   |
| Scandium   | 45-1  | 3703442 | 3654761 | 3660705 | 3672969 | 0.72   | cps   |
| Scandium   | 45-2  | 38279   | 38850   | 37296   | 38142   | 2.06   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 11      | 0       | 9       | 7       | 87.67  | cps   |
| Selenium   | 82-1  | -76     | -87     | -77     | -80     | -7.49  | cps   |
| Silicon    | 28-1  | 5259314 | 5333896 | 5675050 | 5422754 | 4.09   | cps   |
| Silver     | 109-1 | 192     | 192     | 175     | 186     | 5.17   | cps   |
| Silver     | 107-1 | 258     | 325     | 258     | 281     | 13.72  | cps   |
| Sodium     | 23-2  | 1243312 | 1244057 | 1248439 | 1245270 | 0.22   | cps   |
| Strontium  | 86-1  | 55840   | 56033   | 55823   | 55899   | 0.21   | cps   |
| Strontium  | 88-1  | 476958  | 469145  | 466627  | 470910  | 1.14   | cps   |
| Sulfur     | 34-1  | 598554  | 594688  | 599983  | 597742  | 0.46   | cps   |
| Terbium    | 159-1 | 5198289 | 5170107 | 5136228 | 5168208 | 0.60   | cps   |
| Terbium    | 159-2 | 1663589 | 1667099 | 1597030 | 1642573 | 2.40   | cps   |
| Thallium   | 203-1 | 133     | 217     | 117     | 156     | 34.44  | cps   |
| Thallium   | 205-1 | 467     | 467     | 350     | 428     | 15.75  | cps   |
| Tin        | 118-1 | 575     | 475     | 533     | 528     | 9.52   | cps   |
| Titanium   | 47-1  | 625     | 658     | 650     | 644     | 2.69   | cps   |
| Uranium    | 238-1 | 142     | 275     | 192     | 203     | 33.22  | cps   |
| Vanadium   | 51-2  | 67      | 73      | 53      | 64      | 15.80  | cps   |
| Yttrium    | 89-1  | 5812223 | 5710766 | 5722463 | 5748484 | 0.97   | cps   |
| Yttrium    | 89-2  | 251011  | 250689  | 241285  | 247662  | 2.23   | cps   |
| Zinc       | 66-2  | 15676   | 15903   | 15372   | 15650   | 1.70   | cps   |
| Zirconium  | 90-1  | 717     | 483     | 667     | 622     | 19.74  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-25              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-61-FL3-BRA1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:22:56   | DataFile Name :   | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 125  | 175  | 169     | 24.75  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-26              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-62-FL3-BRA1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:26:05   | DataFile Name :   | 122SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 100     | 175     | 200     | 158     | 32.87  | cps   |
| Antimony   | 121-1 | 417     | 383     | 533     | 444     | 17.72  | cps   |
| Arsenic    | 75-2  | 46      | 35      | 57      | 46      | 24.00  | cps   |
| Barium     | 135-1 | 33418   | 31363   | 32257   | 32346   | 3.19   | cps   |
| Barium     | 137-1 | 56931   | 57049   | 56170   | 56717   | 0.84   | cps   |
| Beryllium  | 9-1   | 72      | 39      | 67      | 59      | 30.14  | cps   |
| Bismuth    | 209-1 | 2701873 | 2643174 | 2642747 | 2662598 | 1.28   | cps   |
| Bismuth    | 209-2 | 1168188 | 1184205 | 1168369 | 1173587 | 0.78   | cps   |
| Boron      | 10-1  | 1142    | 1217    | 1275    | 1211    | 5.52   | cps   |
| Boron      | 11-1  | 5393    | 5943    | 5568    | 5635    | 4.99   | cps   |
| Cadmium    | 111-1 | 1104    | 850     | 899     | 951     | 14.19  | cps   |
| Cadmium    | 106-1 | 1550    | 1217    | 1258    | 1342    | 13.54  | cps   |
| Cadmium    | 108-1 | 8       | 8       | 4       | 7       | 34.59  | cps   |
| Calcium    | 43-1  | 146929  | 147586  | 145909  | 146808  | 0.58   | cps   |
| Calcium    | 44-1  | 2551800 | 2543456 | 2507872 | 2534376 | 0.92   | cps   |
| Chromium   | 52-2  | 937     | 1033    | 1133    | 1035    | 9.51   | cps   |
| Cobalt     | 59-2  | 103     | 123     | 120     | 116     | 9.27   | cps   |
| Copper     | 63-2  | 311072  | 316163  | 316602  | 314612  | 0.98   | cps   |
| Dysprosium | 156-1 | 42      | 67      | 83      | 64      | 32.83  | cps   |
| Dysprosium | 156-2 | 23      | 13      | 10      | 16      | 44.60  | cps   |
| Erbium     | 164-1 | 83      | 92      | 50      | 75      | 29.40  | cps   |
| Erbium     | 164-2 | 10      | 27      | 17      | 18      | 47.19  | cps   |
| Gadolinium | 160-1 | 100     | 167     | 92      | 119     | 34.42  | cps   |
| Gadolinium | 160-2 | 7       | 43      | 13      | 21      | 92.51  | cps   |
| Holmium    | 165-1 | 4901057 | 4788080 | 4683008 | 4790715 | 2.28   | cps   |
| Holmium    | 165-2 | 1670995 | 1687250 | 1637862 | 1665369 | 1.51   | cps   |
| Indium     | 115-1 | 5014743 | 5003092 | 4844617 | 4954150 | 1.92   | cps   |
| Indium     | 115-2 | 322918  | 331328  | 328765  | 327670  | 1.32   | cps   |
| Iron       | 56-2  | 20216   | 21387   | 20388   | 20664   | 3.06   | cps   |
| Iron       | 57-2  | 583     | 400     | 539     | 507     | 18.85  | cps   |
| Lead       | 206-1 | 1811    | 1678    | 1589    | 1693    | 6.61   | cps   |
| Lead       | 207-1 | 1445    | 1395    | 1350    | 1396    | 3.38   | cps   |
| Lead       | 208-1 | 6562    | 6217    | 6167    | 6316    | 3.40   | cps   |
| Lithium    | 6-1   | 922673  | 905719  | 910930  | 913107  | 0.95   | cps   |
| Magnesium  | 24-2  | 55961   | 55342   | 54807   | 55370   | 1.04   | cps   |
| Manganese  | 55-2  | 5178    | 5154    | 5161    | 5164    | 0.23   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-26              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-62-FL3-BRA1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:26:05   | DataFile Name :   | 122SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 250     | 317     | 275     | 281     | 12.00  | cps   |
| Molybdenum | 95-1  | 175     | 75      | 242     | 164     | 51.19  | cps   |
| Molybdenum | 96-1  | 192     | 267     | 225     | 228     | 16.50  | cps   |
| Molybdenum | 97-1  | 167     | 158     | 167     | 164     | 2.94   | cps   |
| Molybdenum | 98-1  | 200     | 325     | 142     | 222     | 42.15  | cps   |
| Neodymium  | 150-1 | 40      | 40      | 7       | 29      | 66.61  | cps   |
| Neodymium  | 150-2 | 17      | 7       | 7       | 10      | 57.72  | cps   |
| Nickel     | 60-2  | 677     | 673     | 697     | 682     | 1.85   | cps   |
| Phosphorus | 31-2  | 525     | 533     | 433     | 497     | 11.16  | cps   |
| Potassium  | 39-2  | 20399   | 21117   | 20148   | 20555   | 2.45   | cps   |
| Rhodium    | 103-1 | 4909185 | 4846284 | 4801747 | 4852405 | 1.11   | cps   |
| Rhodium    | 103-2 | 1722708 | 1751610 | 1725711 | 1733343 | 0.92   | cps   |
| Scandium   | 45-1  | 3684719 | 3674069 | 3665869 | 3674885 | 0.26   | cps   |
| Scandium   | 45-2  | 37901   | 38453   | 38393   | 38249   | 0.79   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 2       | 2       | 2       | 43.30  | cps   |
| Selenium   | 82-1  | 29      | 79      | -24     | 28      | 185.00 | cps   |
| Silicon    | 28-1  | 5263144 | 5228248 | 5222646 | 5238013 | 0.42   | cps   |
| Silver     | 109-1 | 183     | 142     | 75      | 133     | 40.99  | cps   |
| Silver     | 107-1 | 242     | 133     | 167     | 181     | 30.73  | cps   |
| Sodium     | 23-2  | 1229743 | 1242817 | 1230366 | 1234309 | 0.60   | cps   |
| Strontium  | 86-1  | 55011   | 55355   | 55464   | 55277   | 0.43   | cps   |
| Strontium  | 88-1  | 467276  | 464980  | 464542  | 465599  | 0.32   | cps   |
| Sulfur     | 34-1  | 597012  | 598498  | 592817  | 596109  | 0.49   | cps   |
| Terbium    | 159-1 | 5142272 | 5155355 | 5044754 | 5114127 | 1.18   | cps   |
| Terbium    | 159-2 | 1623617 | 1680541 | 1668375 | 1657511 | 1.81   | cps   |
| Thallium   | 203-1 | 125     | 183     | 167     | 158     | 18.98  | cps   |
| Thallium   | 205-1 | 208     | 292     | 258     | 253     | 16.59  | cps   |
| Tin        | 118-1 | 517     | 467     | 450     | 478     | 7.26   | cps   |
| Titanium   | 47-1  | 750     | 858     | 558     | 722     | 21.04  | cps   |
| Uranium    | 238-1 | 108     | 142     | 192     | 147     | 28.49  | cps   |
| Vanadium   | 51-2  | 73      | 77      | 87      | 79      | 8.79   | cps   |
| Yttrium    | 89-1  | 5723954 | 5699512 | 5611391 | 5678286 | 1.04   | cps   |
| Yttrium    | 89-2  | 247581  | 251222  | 247164  | 248656  | 0.90   | cps   |
| Zinc       | 66-2  | 8286    | 8589    | 8583    | 8486    | 2.04   | cps   |
| Zirconium  | 90-1  | 800     | 633     | 633     | 689     | 13.97  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-26              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-62-FL3-BRA1-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:26:05   | DataFile Name :   | 122SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 233  | 200  | 189     | 26.96  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-27 Instrumnet Name : P8  
 Client Sample ID : DC20894-63-FL3-BRA2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:29:14 DataFile Name : 123SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 250     | 117     | 125     | 164     | 45.58  | cps   |
| Antimony   | 121-1 | 458     | 475     | 558     | 497     | 10.77  | cps   |
| Arsenic    | 75-2  | 48      | 41      | 46      | 45      | 8.56   | cps   |
| Barium     | 135-1 | 31531   | 30712   | 30436   | 30893   | 1.84   | cps   |
| Barium     | 137-1 | 53685   | 54095   | 53092   | 53624   | 0.94   | cps   |
| Beryllium  | 9-1   | 39      | 56      | 17      | 37      | 52.68  | cps   |
| Bismuth    | 209-1 | 2758405 | 2711805 | 2716971 | 2729060 | 0.94   | cps   |
| Bismuth    | 209-2 | 1189532 | 1197073 | 1190859 | 1192488 | 0.34   | cps   |
| Boron      | 10-1  | 1133    | 1267    | 1208    | 1203    | 5.56   | cps   |
| Boron      | 11-1  | 5335    | 5526    | 5526    | 5462    | 2.03   | cps   |
| Cadmium    | 111-1 | 872     | 976     | 828     | 892     | 8.56   | cps   |
| Cadmium    | 106-1 | 1208    | 1383    | 1167    | 1253    | 9.18   | cps   |
| Cadmium    | 108-1 | 4       | 13      | 8       | 8       | 49.98  | cps   |
| Calcium    | 43-1  | 148606  | 148638  | 148150  | 148464  | 0.18   | cps   |
| Calcium    | 44-1  | 2534356 | 2562877 | 2545400 | 2547544 | 0.56   | cps   |
| Chromium   | 52-2  | 1120    | 987     | 933     | 1013    | 9.49   | cps   |
| Cobalt     | 59-2  | 87      | 93      | 117     | 99      | 15.93  | cps   |
| Copper     | 63-2  | 483894  | 486037  | 484647  | 484860  | 0.22   | cps   |
| Dysprosium | 156-1 | 8       | 58      | 42      | 36      | 70.51  | cps   |
| Dysprosium | 156-2 | 10      | 20      | 20      | 17      | 34.64  | cps   |
| Erbium     | 164-1 | 67      | 42      | 58      | 56      | 22.91  | cps   |
| Erbium     | 164-2 | 3       | 3       | 17      | 8       | 99.04  | cps   |
| Gadolinium | 160-1 | 83      | 108     | 125     | 106     | 19.87  | cps   |
| Gadolinium | 160-2 | 30      | 27      | 23      | 27      | 12.51  | cps   |
| Holmium    | 165-1 | 4923471 | 4804084 | 4863942 | 4863832 | 1.23   | cps   |
| Holmium    | 165-2 | 1728926 | 1678744 | 1690577 | 1699416 | 1.54   | cps   |
| Indium     | 115-1 | 5081061 | 5071814 | 5063026 | 5071967 | 0.18   | cps   |
| Indium     | 115-2 | 330400  | 330631  | 330532  | 330521  | 0.04   | cps   |
| Iron       | 56-2  | 23105   | 22611   | 21935   | 22550   | 2.60   | cps   |
| Iron       | 57-2  | 661     | 683     | 578     | 641     | 8.68   | cps   |
| Lead       | 206-1 | 1811    | 1811    | 2017    | 1880    | 6.31   | cps   |
| Lead       | 207-1 | 1822    | 1689    | 1561    | 1691    | 7.72   | cps   |
| Lead       | 208-1 | 7818    | 7379    | 7635    | 7610    | 2.90   | cps   |
| Lithium    | 6-1   | 939048  | 929861  | 942701  | 937204  | 0.71   | cps   |
| Magnesium  | 24-2  | 55326   | 56798   | 55727   | 55950   | 1.36   | cps   |
| Manganese  | 55-2  | 5548    | 5528    | 5118    | 5398    | 4.50   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-27              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-63-FL3-BRA2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:29:14   | DataFile Name :   | 123SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 342     | 250     | 317     | 303     | 15.65  | cps   |
| Molybdenum | 95-1  | 142     | 200     | 233     | 192     | 24.21  | cps   |
| Molybdenum | 96-1  | 175     | 267     | 217     | 219     | 20.91  | cps   |
| Molybdenum | 97-1  | 175     | 142     | 83      | 133     | 34.80  | cps   |
| Molybdenum | 98-1  | 292     | 292     | 258     | 281     | 6.86   | cps   |
| Neodymium  | 150-1 | 13      | 47      | 20      | 27      | 66.16  | cps   |
| Neodymium  | 150-2 | 10      | 3       | 3       | 6       | 69.34  | cps   |
| Nickel     | 60-2  | 393     | 407     | 367     | 389     | 5.24   | cps   |
| Phosphorus | 31-2  | 492     | 575     | 608     | 558     | 10.76  | cps   |
| Potassium  | 39-2  | 21067   | 20466   | 20090   | 20541   | 2.40   | cps   |
| Rhodium    | 103-1 | 5007677 | 5004657 | 4971412 | 4994582 | 0.40   | cps   |
| Rhodium    | 103-2 | 1737483 | 1749443 | 1743916 | 1743614 | 0.34   | cps   |
| Scandium   | 45-1  | 3727244 | 3734299 | 3668667 | 3710070 | 0.97   | cps   |
| Scandium   | 45-2  | 38723   | 38807   | 38596   | 38709   | 0.27   | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 7       | 0       | 4       | 4       | 100.05 | cps   |
| Selenium   | 82-1  | -31     | -22     | 71      | 6       | 979.95 | cps   |
| Silicon    | 28-1  | 5394775 | 5341198 | 5377654 | 5371209 | 0.51   | cps   |
| Silver     | 109-1 | 117     | 125     | 192     | 144     | 28.48  | cps   |
| Silver     | 107-1 | 75      | 150     | 83      | 103     | 40.00  | cps   |
| Sodium     | 23-2  | 1230492 | 1246577 | 1237688 | 1238253 | 0.65   | cps   |
| Strontium  | 86-1  | 56066   | 54075   | 53832   | 54658   | 2.24   | cps   |
| Strontium  | 88-1  | 463480  | 453755  | 460113  | 459116  | 1.08   | cps   |
| Sulfur     | 34-1  | 579996  | 589667  | 581177  | 583613  | 0.90   | cps   |
| Terbium    | 159-1 | 5264480 | 5167510 | 5228138 | 5220043 | 0.94   | cps   |
| Terbium    | 159-2 | 1677490 | 1673134 | 1648827 | 1666483 | 0.93   | cps   |
| Thallium   | 203-1 | 150     | 150     | 192     | 164     | 14.68  | cps   |
| Thallium   | 205-1 | 367     | 300     | 425     | 364     | 17.19  | cps   |
| Tin        | 118-1 | 442     | 425     | 483     | 450     | 6.68   | cps   |
| Titanium   | 47-1  | 650     | 625     | 850     | 708     | 17.41  | cps   |
| Uranium    | 238-1 | 242     | 200     | 225     | 222     | 9.44   | cps   |
| Vanadium   | 51-2  | 87      | 33      | 67      | 62      | 43.31  | cps   |
| Yttrium    | 89-1  | 5848184 | 5787555 | 5751613 | 5795784 | 0.84   | cps   |
| Yttrium    | 89-2  | 249102  | 252361  | 249013  | 250159  | 0.76   | cps   |
| Zinc       | 66-2  | 5958    | 6015    | 6121    | 6031    | 1.38   | cps   |
| Zirconium  | 90-1  | 783     | 733     | 767     | 761     | 3.35   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-27              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-63-FL3-BRA2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:29:14   | DataFile Name :   | 123SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 125  | 225  | 158     | 36.46  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:32:22 | DataFile Name :   | 124SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 0       | 50      | 33      | 28      | 91.65  | cps   |
| Antimony   | 121-1 | 42      | 58      | 50      | 50      | 16.67  | cps   |
| Arsenic    | 75-2  | 0       | 4       | 4       | 2       | 86.60  | cps   |
| Barium     | 135-1 | 83      | 58      | 50      | 64      | 27.15  | cps   |
| Barium     | 137-1 | 58      | 92      | 50      | 67      | 33.07  | cps   |
| Beryllium  | 9-1   | 50      | 67      | 39      | 52      | 26.97  | cps   |
| Bismuth    | 209-1 | 2504145 | 2507097 | 2517867 | 2509703 | 0.29   | cps   |
| Bismuth    | 209-2 | 1113023 | 1095226 | 1096097 | 1101449 | 0.91   | cps   |
| Boron      | 10-1  | 500     | 550     | 592     | 547     | 8.39   | cps   |
| Boron      | 11-1  | 1934    | 2217    | 2100    | 2084    | 6.84   | cps   |
| Cadmium    | 111-1 | 899     | 906     | 848     | 885     | 3.57   | cps   |
| Cadmium    | 106-1 | 1283    | 1283    | 1208    | 1258    | 3.44   | cps   |
| Cadmium    | 108-1 | 17      | 13      | 8       | 13      | 33.36  | cps   |
| Calcium    | 43-1  | 6343    | 5485    | 5426    | 5751    | 8.93   | cps   |
| Calcium    | 44-1  | 88597   | 89109   | 86601   | 88102   | 1.50   | cps   |
| Chromium   | 52-2  | 980     | 940     | 950     | 957     | 2.18   | cps   |
| Cobalt     | 59-2  | 93      | 80      | 83      | 86      | 8.11   | cps   |
| Copper     | 63-2  | 507     | 527     | 470     | 501     | 5.74   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 25      | 8       | 33      | 22      | 57.29  | cps   |
| Erbium     | 164-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Gadolinium | 160-1 | 33      | 67      | 67      | 56      | 34.65  | cps   |
| Gadolinium | 160-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Holmium    | 165-1 | 4464224 | 4465764 | 4590362 | 4506783 | 1.61   | cps   |
| Holmium    | 165-2 | 1486467 | 1469675 | 1481010 | 1479050 | 0.58   | cps   |
| Indium     | 115-1 | 4644328 | 4674191 | 4686260 | 4668260 | 0.46   | cps   |
| Indium     | 115-2 | 307610  | 305313  | 305956  | 306293  | 0.39   | cps   |
| Iron       | 56-2  | 3623    | 3323    | 3234    | 3393    | 6.01   | cps   |
| Iron       | 57-2  | 106     | 106     | 94      | 102     | 6.30   | cps   |
| Lead       | 206-1 | 1943378 | 1932272 | 1947273 | 1940974 | 0.40   | cps   |
| Lead       | 207-1 | 1655729 | 1702181 | 1767231 | 1708380 | 3.28   | cps   |
| Lead       | 208-1 | 7672447 | 7760699 | 7879561 | 7770902 | 1.34   | cps   |
| Lithium    | 6-1   | 837125  | 837160  | 885201  | 853162  | 3.25   | cps   |
| Magnesium  | 24-2  | 83      | 108     | 42      | 78      | 43.30  | cps   |
| Manganese  | 55-2  | 53      | 80      | 77      | 70      | 20.76  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:32:22 | DataFile Name :   | 124SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 217     | 158     | 117     | 164     | 30.65  | cps   |
| Molybdenum | 95-1  | 42      | 25      | 17      | 28      | 45.82  | cps   |
| Molybdenum | 96-1  | 75      | 92      | 92      | 86      | 11.18  | cps   |
| Molybdenum | 97-1  | 92      | 50      | 83      | 75      | 29.40  | cps   |
| Molybdenum | 98-1  | 33      | 50      | 8       | 31      | 68.64  | cps   |
| Neodymium  | 150-1 | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 57      | 100     | 83      | 80      | 27.32  | cps   |
| Phosphorus | 31-2  | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 4868    | 4243    | 4217    | 4443    | 8.29   | cps   |
| Rhodium    | 103-1 | 4489127 | 4569234 | 4640238 | 4566200 | 1.66   | cps   |
| Rhodium    | 103-2 | 1631199 | 1626454 | 1628728 | 1628793 | 0.15   | cps   |
| Scandium   | 45-1  | 3436820 | 3418504 | 3460995 | 3438773 | 0.62   | cps   |
| Scandium   | 45-2  | 35047   | 35789   | 35842   | 35560   | 1.25   | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 9       | 6       | 4       | 6       | 45.85  | cps   |
| Selenium   | 82-1  | -98     | -119    | -14     | -77     | -72.37 | cps   |
| Silicon    | 28-1  | 534929  | 547717  | 527579  | 536742  | 1.90   | cps   |
| Silver     | 109-1 | 33      | 50      | 83      | 56      | 45.83  | cps   |
| Silver     | 107-1 | 100     | 83      | 92      | 92      | 9.09   | cps   |
| Sodium     | 23-2  | 8987    | 8753    | 8962    | 8900    | 1.44   | cps   |
| Strontium  | 86-1  | 1367    | 1342    | 1308    | 1339    | 2.19   | cps   |
| Strontium  | 88-1  | 242     | 167     | 250     | 219     | 20.91  | cps   |
| Sulfur     | 34-1  | 534668  | 534328  | 527093  | 532029  | 0.80   | cps   |
| Terbium    | 159-1 | 4834005 | 4802364 | 4905042 | 4847137 | 1.08   | cps   |
| Terbium    | 159-2 | 1486833 | 1482639 | 1471736 | 1480403 | 0.53   | cps   |
| Thallium   | 203-1 | 150     | 175     | 183     | 169     | 10.24  | cps   |
| Thallium   | 205-1 | 392     | 308     | 292     | 331     | 16.21  | cps   |
| Tin        | 118-1 | 2092    | 1775    | 2142    | 2003    | 9.93   | cps   |
| Titanium   | 47-1  | 175     | 267     | 275     | 239     | 23.23  | cps   |
| Uranium    | 238-1 | 58      | 8       | 8       | 25      | 115.49 | cps   |
| Vanadium   | 51-2  | 20      | 13      | 10      | 14      | 35.26  | cps   |
| Yttrium    | 89-1  | 5288136 | 5341924 | 5343760 | 5324607 | 0.59   | cps   |
| Yttrium    | 89-2  | 232149  | 231131  | 231965  | 231748  | 0.23   | cps   |
| Zinc       | 66-2  | 87      | 103     | 90      | 93      | 9.45   | cps   |
| Zirconium  | 90-1  | 333     | 317     | 292     | 314     | 6.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:32:22 | DataFile Name :   | 124SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 125  | 100  | 103     | 20.41  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:35:33 | DataFile Name :   | 125SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 17      | 8       | 25      | 88.19  | cps   |
| Antimony   | 121-1 | 8       | 17      | 58      | 28      | 96.44  | cps   |
| Arsenic    | 75-2  | 4       | 0       | 9       | 4       | 107.89 | cps   |
| Barium     | 135-1 | 25      | 42      | 42      | 36      | 26.65  | cps   |
| Barium     | 137-1 | 25      | 50      | 17      | 31      | 56.77  | cps   |
| Beryllium  | 9-1   | 28      | 56      | 50      | 44      | 33.07  | cps   |
| Bismuth    | 209-1 | 2532256 | 2522802 | 2545833 | 2533630 | 0.46   | cps   |
| Bismuth    | 209-2 | 1095786 | 1105333 | 1105940 | 1102353 | 0.52   | cps   |
| Boron      | 10-1  | 325     | 367     | 350     | 347     | 6.04   | cps   |
| Boron      | 11-1  | 1709    | 1383    | 1592    | 1561    | 10.55  | cps   |
| Cadmium    | 111-1 | 888     | 869     | 1022    | 926     | 9.02   | cps   |
| Cadmium    | 106-1 | 1258    | 1250    | 1467    | 1325    | 9.27   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 13      | 10      | 24.77  | cps   |
| Calcium    | 43-1  | 6135    | 5910    | 5543    | 5863    | 5.10   | cps   |
| Calcium    | 44-1  | 85779   | 85394   | 86039   | 85738   | 0.38   | cps   |
| Chromium   | 52-2  | 1097    | 1020    | 953     | 1023    | 7.01   | cps   |
| Cobalt     | 59-2  | 67      | 87      | 83      | 79      | 13.58  | cps   |
| Copper     | 63-2  | 477     | 577     | 503     | 519     | 9.98   | cps   |
| Dysprosium | 156-1 | 42      | 0       | 0       | 14      | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 67      | 25      | 42      | 44      | 47.19  | cps   |
| Erbium     | 164-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 25      | 50      | 83      | 53      | 55.46  | cps   |
| Gadolinium | 160-2 | 7       | 10      | 10      | 9       | 21.63  | cps   |
| Holmium    | 165-1 | 4512869 | 4569103 | 4534332 | 4538768 | 0.63   | cps   |
| Holmium    | 165-2 | 1487088 | 1500234 | 1503718 | 1497013 | 0.59   | cps   |
| Indium     | 115-1 | 4650662 | 4661434 | 4710059 | 4674052 | 0.68   | cps   |
| Indium     | 115-2 | 304729  | 310185  | 305317  | 306744  | 0.98   | cps   |
| Iron       | 56-2  | 3401    | 3567    | 3373    | 3447    | 3.05   | cps   |
| Iron       | 57-2  | 50      | 83      | 89      | 74      | 28.40  | cps   |
| Lead       | 206-1 | 389     | 378     | 461     | 409     | 11.06  | cps   |
| Lead       | 207-1 | 283     | 356     | 417     | 352     | 18.97  | cps   |
| Lead       | 208-1 | 1395    | 1445    | 1722    | 1520    | 11.62  | cps   |
| Lithium    | 6-1   | 846081  | 848038  | 849581  | 847900  | 0.21   | cps   |
| Magnesium  | 24-2  | 67      | 75      | 92      | 78      | 16.37  | cps   |
| Manganese  | 55-2  | 47      | 50      | 77      | 58      | 28.46  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:35:33 | DataFile Name :   | 125SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 125     | 117     | 142     | 128     | 9.96    | cps   |
| Molybdenum | 95-1  | 8       | 0       | 25      | 11      | 114.58  | cps   |
| Molybdenum | 96-1  | 67      | 50      | 42      | 53      | 24.12   | cps   |
| Molybdenum | 97-1  | 83      | 108     | 117     | 103     | 16.88   | cps   |
| Molybdenum | 98-1  | 0       | 25      | 8       | 11      | 114.58  | cps   |
| Neodymium  | 150-1 | 0       | 13      | 7       | 7       | 99.98   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 73      | 67      | 87      | 76      | 13.48   | cps   |
| Phosphorus | 31-2  | 8       | 17      | 8       | 11      | 43.34   | cps   |
| Potassium  | 39-2  | 4484    | 4634    | 4126    | 4415    | 5.92    | cps   |
| Rhodium    | 103-1 | 4582663 | 4625589 | 4599027 | 4602426 | 0.47    | cps   |
| Rhodium    | 103-2 | 1602334 | 1632130 | 1603140 | 1612535 | 1.05    | cps   |
| Scandium   | 45-1  | 3418682 | 3430308 | 3445707 | 3431565 | 0.40    | cps   |
| Scandium   | 45-2  | 35769   | 35198   | 35579   | 35515   | 0.82    | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 2       | 4       | 0       | 2       | 100.00  | cps   |
| Selenium   | 82-1  | 20      | -194    | -83     | -86     | -124.40 | cps   |
| Silicon    | 28-1  | 529928  | 518516  | 528080  | 525508  | 1.17    | cps   |
| Silver     | 109-1 | 25      | 67      | 50      | 47      | 44.41   | cps   |
| Silver     | 107-1 | 75      | 67      | 67      | 69      | 6.93    | cps   |
| Sodium     | 23-2  | 8219    | 8486    | 8161    | 8289    | 2.09    | cps   |
| Strontium  | 86-1  | 1500    | 1450    | 1400    | 1450    | 3.45    | cps   |
| Strontium  | 88-1  | 108     | 108     | 125     | 114     | 8.45    | cps   |
| Sulfur     | 34-1  | 534343  | 536386  | 533735  | 534821  | 0.26    | cps   |
| Terbium    | 159-1 | 4833076 | 4854945 | 4860329 | 4849450 | 0.30    | cps   |
| Terbium    | 159-2 | 1466826 | 1482030 | 1482623 | 1477160 | 0.61    | cps   |
| Thallium   | 203-1 | 125     | 158     | 150     | 144     | 12.01   | cps   |
| Thallium   | 205-1 | 292     | 258     | 225     | 258     | 12.90   | cps   |
| Tin        | 118-1 | 575     | 642     | 567     | 594     | 6.92    | cps   |
| Titanium   | 47-1  | 192     | 283     | 225     | 233     | 19.89   | cps   |
| Uranium    | 238-1 | 58      | 33      | 0       | 31      | 95.79   | cps   |
| Vanadium   | 51-2  | 7       | 0       | 0       | 2       | 173.21  | cps   |
| Yttrium    | 89-1  | 5265491 | 5354530 | 5365616 | 5328545 | 1.03    | cps   |
| Yttrium    | 89-2  | 231369  | 233047  | 231468  | 231962  | 0.41    | cps   |
| Zinc       | 66-2  | 37      | 33      | 30      | 33      | 10.01   | cps   |
| Zirconium  | 90-1  | 308     | 275     | 292     | 292     | 5.71    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:35:33 | DataFile Name :   | 125SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 50   | 58   | 56      | 8.67   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-28 Instrumnet Name : P8  
 Client Sample ID : DC20894-64-FL3-BRA2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:38:45 DataFile Name : 126SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 267     | 175     | 267     | 236     | 22.42  | cps   |
| Antimony   | 121-1 | 392     | 525     | 583     | 500     | 19.65  | cps   |
| Arsenic    | 75-2  | 44      | 54      | 44      | 48      | 11.25  | cps   |
| Barium     | 135-1 | 32090   | 32190   | 32541   | 32274   | 0.73   | cps   |
| Barium     | 137-1 | 56305   | 55593   | 54221   | 55373   | 1.91   | cps   |
| Beryllium  | 9-1   | 44      | 28      | 50      | 41      | 28.38  | cps   |
| Bismuth    | 209-1 | 2781118 | 2792317 | 2739662 | 2771032 | 1.00   | cps   |
| Bismuth    | 209-2 | 1202257 | 1191270 | 1191296 | 1194941 | 0.53   | cps   |
| Boron      | 10-1  | 1000    | 1125    | 1158    | 1095    | 7.63   | cps   |
| Boron      | 11-1  | 5293    | 5568    | 5376    | 5412    | 2.61   | cps   |
| Cadmium    | 111-1 | 872     | 994     | 896     | 920     | 7.03   | cps   |
| Cadmium    | 106-1 | 1242    | 1400    | 1250    | 1297    | 6.87   | cps   |
| Cadmium    | 108-1 | 8       | 4       | 13      | 8       | 49.98  | cps   |
| Calcium    | 43-1  | 153245  | 152337  | 147200  | 150927  | 2.16   | cps   |
| Calcium    | 44-1  | 2573564 | 2566740 | 2565016 | 2568440 | 0.18   | cps   |
| Chromium   | 52-2  | 1037    | 1100    | 1070    | 1069    | 2.96   | cps   |
| Cobalt     | 59-2  | 107     | 97      | 133     | 112     | 16.89  | cps   |
| Copper     | 63-2  | 494549  | 491804  | 495818  | 494057  | 0.42   | cps   |
| Dysprosium | 156-1 | 17      | 42      | 117     | 58      | 89.21  | cps   |
| Dysprosium | 156-2 | 13      | 17      | 20      | 17      | 20.01  | cps   |
| Erbium     | 164-1 | 92      | 42      | 50      | 61      | 43.83  | cps   |
| Erbium     | 164-2 | 20      | 10      | 27      | 19      | 44.42  | cps   |
| Gadolinium | 160-1 | 92      | 92      | 83      | 89      | 5.41   | cps   |
| Gadolinium | 160-2 | 27      | 17      | 17      | 20      | 28.86  | cps   |
| Holmium    | 165-1 | 4943518 | 4965105 | 4966181 | 4958268 | 0.26   | cps   |
| Holmium    | 165-2 | 1738477 | 1686576 | 1683326 | 1702793 | 1.82   | cps   |
| Indium     | 115-1 | 5211959 | 5041347 | 5010135 | 5087814 | 2.14   | cps   |
| Indium     | 115-2 | 329551  | 330791  | 329768  | 330037  | 0.20   | cps   |
| Iron       | 56-2  | 25308   | 23998   | 22281   | 23862   | 6.36   | cps   |
| Iron       | 57-2  | 461     | 606     | 561     | 543     | 13.63  | cps   |
| Lead       | 206-1 | 2700    | 2317    | 2656    | 2558    | 8.20   | cps   |
| Lead       | 207-1 | 2156    | 2178    | 2184    | 2172    | 0.68   | cps   |
| Lead       | 208-1 | 9902    | 10069   | 10152   | 10041   | 1.27   | cps   |
| Lithium    | 6-1   | 952489  | 953436  | 920032  | 941986  | 2.02   | cps   |
| Magnesium  | 24-2  | 56806   | 56061   | 56304   | 56390   | 0.67   | cps   |
| Manganese  | 55-2  | 5241    | 5238    | 5244    | 5241    | 0.06   | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-28 Instrumnet Name : P8  
 Client Sample ID : DC20894-64-FL3-BRA2-1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:38:45 DataFile Name : 126SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD   | Units |
|------------|-------|---------|---------|---------|---------|----------|-------|
| Molybdenum | 94-1  | 300     | 283     | 325     | 303     | 6.93     | cps   |
| Molybdenum | 95-1  | 183     | 200     | 158     | 181     | 11.62    | cps   |
| Molybdenum | 96-1  | 225     | 242     | 275     | 247     | 10.30    | cps   |
| Molybdenum | 97-1  | 183     | 175     | 175     | 178     | 2.71     | cps   |
| Molybdenum | 98-1  | 225     | 208     | 250     | 228     | 9.21     | cps   |
| Neodymium  | 150-1 | 60      | 47      | 53      | 53      | 12.50    | cps   |
| Neodymium  | 150-2 | 7       | 13      | 10      | 10      | 33.30    | cps   |
| Nickel     | 60-2  | 430     | 360     | 427     | 406     | 9.74     | cps   |
| Phosphorus | 31-2  | 442     | 583     | 475     | 500     | 14.82    | cps   |
| Potassium  | 39-2  | 20224   | 20933   | 21208   | 20788   | 2.44     | cps   |
| Rhodium    | 103-1 | 5050761 | 5013328 | 4951311 | 5005134 | 1.00     | cps   |
| Rhodium    | 103-2 | 1745802 | 1749496 | 1740950 | 1745416 | 0.25     | cps   |
| Scandium   | 45-1  | 3808384 | 3714533 | 3684838 | 3735918 | 1.73     | cps   |
| Scandium   | 45-2  | 38864   | 38546   | 38610   | 38673   | 0.43     | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21   | cps   |
| Selenium   | 78-2  | 9       | 7       | 2       | 6       | 62.47    | cps   |
| Selenium   | 82-1  | -44     | 24      | 11      | -3      | -1284.58 | cps   |
| Silicon    | 28-1  | 5511343 | 5415490 | 5384654 | 5437162 | 1.22     | cps   |
| Silver     | 109-1 | 125     | 25      | 92      | 81      | 63.21    | cps   |
| Silver     | 107-1 | 92      | 108     | 142     | 114     | 22.35    | cps   |
| Sodium     | 23-2  | 1257214 | 1225500 | 1226707 | 1236474 | 1.45     | cps   |
| Strontium  | 86-1  | 55531   | 57731   | 54560   | 55940   | 2.90     | cps   |
| Strontium  | 88-1  | 473720  | 472606  | 463448  | 469924  | 1.20     | cps   |
| Sulfur     | 34-1  | 578758  | 581120  | 586670  | 582183  | 0.70     | cps   |
| Terbium    | 159-1 | 5318370 | 5295840 | 5245665 | 5286625 | 0.70     | cps   |
| Terbium    | 159-2 | 1682108 | 1693263 | 1675006 | 1683459 | 0.55     | cps   |
| Thallium   | 203-1 | 125     | 208     | 167     | 167     | 25.00    | cps   |
| Thallium   | 205-1 | 300     | 333     | 275     | 303     | 9.67     | cps   |
| Tin        | 118-1 | 400     | 433     | 375     | 403     | 7.27     | cps   |
| Titanium   | 47-1  | 842     | 742     | 592     | 725     | 17.36    | cps   |
| Uranium    | 238-1 | 242     | 283     | 250     | 258     | 8.53     | cps   |
| Vanadium   | 51-2  | 93      | 67      | 80      | 80      | 16.67    | cps   |
| Yttrium    | 89-1  | 5889446 | 5874787 | 5837286 | 5867173 | 0.46     | cps   |
| Yttrium    | 89-2  | 249622  | 253039  | 250718  | 251126  | 0.69     | cps   |
| Zinc       | 66-2  | 7809    | 8283    | 7916    | 8002    | 3.10     | cps   |
| Zirconium  | 90-1  | 783     | 733     | 758     | 758     | 3.30     | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-28              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-64-FL3-BRA2-1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:38:45   | DataFile Name :   | 126SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 167  | 83   | 136     | 33.72  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-29 Instrumnet Name : P8  
 Client Sample ID : DC20894-65-FL3-HA-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:41:54 DataFile Name : 127SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 150     | 167     | 175     | 164     | 7.77   | cps   |
| Antimony   | 121-1 | 467     | 525     | 525     | 506     | 6.66   | cps   |
| Arsenic    | 75-2  | 46      | 44      | 44      | 45      | 2.38   | cps   |
| Barium     | 135-1 | 33903   | 34028   | 34638   | 34190   | 1.15   | cps   |
| Barium     | 137-1 | 58999   | 56723   | 58539   | 58087   | 2.07   | cps   |
| Beryllium  | 9-1   | 22      | 72      | 72      | 56      | 51.96  | cps   |
| Bismuth    | 209-1 | 2735299 | 2698814 | 2725294 | 2719802 | 0.69   | cps   |
| Bismuth    | 209-2 | 1186952 | 1192983 | 1193831 | 1191255 | 0.31   | cps   |
| Boron      | 10-1  | 1192    | 1250    | 1217    | 1220    | 2.40   | cps   |
| Boron      | 11-1  | 5351    | 5585    | 5376    | 5437    | 2.36   | cps   |
| Cadmium    | 111-1 | 911     | 979     | 993     | 961     | 4.53   | cps   |
| Cadmium    | 106-1 | 1300    | 1375    | 1417    | 1364    | 4.33   | cps   |
| Cadmium    | 108-1 | 4       | 13      | 17      | 11      | 57.27  | cps   |
| Calcium    | 43-1  | 149429  | 150291  | 147678  | 149133  | 0.89   | cps   |
| Calcium    | 44-1  | 2570941 | 2562266 | 2547997 | 2560401 | 0.45   | cps   |
| Chromium   | 52-2  | 1017    | 1130    | 1033    | 1060    | 5.77   | cps   |
| Cobalt     | 59-2  | 133     | 117     | 150     | 133     | 12.50  | cps   |
| Copper     | 63-2  | 294386  | 293729  | 291671  | 293262  | 0.48   | cps   |
| Dysprosium | 156-1 | 75      | 0       | 50      | 42      | 91.65  | cps   |
| Dysprosium | 156-2 | 17      | 17      | 23      | 19      | 20.36  | cps   |
| Erbium     | 164-1 | 83      | 83      | 50      | 72      | 26.65  | cps   |
| Erbium     | 164-2 | 27      | 7       | 20      | 18      | 57.27  | cps   |
| Gadolinium | 160-1 | 100     | 125     | 83      | 103     | 20.40  | cps   |
| Gadolinium | 160-2 | 43      | 27      | 33      | 34      | 24.35  | cps   |
| Holmium    | 165-1 | 4928930 | 4882018 | 4881973 | 4897640 | 0.55   | cps   |
| Holmium    | 165-2 | 1665877 | 1676591 | 1672129 | 1671533 | 0.32   | cps   |
| Indium     | 115-1 | 5076152 | 4995064 | 5129161 | 5066792 | 1.33   | cps   |
| Indium     | 115-2 | 327534  | 323955  | 329735  | 327075  | 0.89   | cps   |
| Iron       | 56-2  | 24345   | 23883   | 23738   | 23989   | 1.32   | cps   |
| Iron       | 57-2  | 778     | 667     | 611     | 685     | 12.39  | cps   |
| Lead       | 206-1 | 1878    | 2050    | 1911    | 1947    | 4.69   | cps   |
| Lead       | 207-1 | 1722    | 1661    | 1628    | 1671    | 2.87   | cps   |
| Lead       | 208-1 | 7462    | 7757    | 7596    | 7605    | 1.94   | cps   |
| Lithium    | 6-1   | 951383  | 918062  | 937410  | 935618  | 1.79   | cps   |
| Magnesium  | 24-2  | 55250   | 55660   | 54112   | 55007   | 1.46   | cps   |
| Manganese  | 55-2  | 5781    | 5621    | 5975    | 5792    | 3.06   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-29             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-65-FL3-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:41:54  | DataFile Name :   | 127SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 225     | 267     | 400     | 297     | 30.76   | cps   |
| Molybdenum | 95-1  | 292     | 150     | 175     | 206     | 36.78   | cps   |
| Molybdenum | 96-1  | 300     | 308     | 242     | 283     | 12.82   | cps   |
| Molybdenum | 97-1  | 125     | 258     | 58      | 147     | 69.17   | cps   |
| Molybdenum | 98-1  | 183     | 267     | 225     | 225     | 18.52   | cps   |
| Neodymium  | 150-1 | 67      | 40      | 53      | 53      | 25.00   | cps   |
| Neodymium  | 150-2 | 10      | 3       | 10      | 8       | 49.52   | cps   |
| Nickel     | 60-2  | 473     | 430     | 430     | 444     | 5.63    | cps   |
| Phosphorus | 31-2  | 517     | 633     | 625     | 592     | 11.00   | cps   |
| Potassium  | 39-2  | 20391   | 19940   | 20549   | 20293   | 1.56    | cps   |
| Rhodium    | 103-1 | 4933021 | 4921613 | 5022736 | 4959124 | 1.12    | cps   |
| Rhodium    | 103-2 | 1702432 | 1697948 | 1729130 | 1709837 | 0.99    | cps   |
| Scandium   | 45-1  | 3713566 | 3697582 | 3688543 | 3699897 | 0.34    | cps   |
| Scandium   | 45-2  | 37724   | 37707   | 37898   | 37776   | 0.28    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 0       | 4       | 0       | 1       | 173.21  | cps   |
| Selenium   | 82-1  | -122    | 11      | -40     | -50     | -133.35 | cps   |
| Silicon    | 28-1  | 5564720 | 5400069 | 5198913 | 5387901 | 3.40    | cps   |
| Silver     | 109-1 | 167     | 133     | 100     | 133     | 25.00   | cps   |
| Silver     | 107-1 | 200     | 92      | 225     | 172     | 41.15   | cps   |
| Sodium     | 23-2  | 1218745 | 1227214 | 1216929 | 1220963 | 0.45    | cps   |
| Strontium  | 86-1  | 58024   | 55213   | 55815   | 56351   | 2.63    | cps   |
| Strontium  | 88-1  | 482687  | 473081  | 476130  | 477299  | 1.03    | cps   |
| Sulfur     | 34-1  | 585108  | 591151  | 580620  | 585626  | 0.90    | cps   |
| Terbium    | 159-1 | 5295224 | 5169592 | 5236096 | 5233637 | 1.20    | cps   |
| Terbium    | 159-2 | 1652990 | 1680183 | 1668312 | 1667162 | 0.82    | cps   |
| Thallium   | 203-1 | 167     | 108     | 225     | 167     | 35.00   | cps   |
| Thallium   | 205-1 | 308     | 283     | 308     | 300     | 4.81    | cps   |
| Tin        | 118-1 | 433     | 450     | 625     | 503     | 21.12   | cps   |
| Titanium   | 47-1  | 817     | 583     | 800     | 733     | 17.75   | cps   |
| Uranium    | 238-1 | 233     | 250     | 217     | 233     | 7.14    | cps   |
| Vanadium   | 51-2  | 77      | 83      | 67      | 76      | 11.10   | cps   |
| Yttrium    | 89-1  | 5797198 | 5648547 | 5795422 | 5747056 | 1.48    | cps   |
| Yttrium    | 89-2  | 248862  | 246149  | 246828  | 247280  | 0.57    | cps   |
| Zinc       | 66-2  | 5415    | 5168    | 5131    | 5238    | 2.94    | cps   |
| Zirconium  | 90-1  | 917     | 600     | 800     | 772     | 20.74   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-29             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-65-FL3-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:41:54  | DataFile Name :   | 127SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 192  | 108  | 153     | 27.45  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-30             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-66-FL3-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:45:03  | DataFile Name :   | 128SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 517     | 375     | 417     | 436     | 16.70  | cps   |
| Antimony   | 121-1 | 525     | 508     | 508     | 514     | 1.87   | cps   |
| Arsenic    | 75-2  | 41      | 46      | 46      | 44      | 7.22   | cps   |
| Barium     | 135-1 | 33953   | 34730   | 33920   | 34201   | 1.34   | cps   |
| Barium     | 137-1 | 58791   | 58882   | 59409   | 59027   | 0.57   | cps   |
| Beryllium  | 9-1   | 61      | 39      | 72      | 57      | 29.56  | cps   |
| Bismuth    | 209-1 | 2779387 | 2790367 | 2725843 | 2765199 | 1.25   | cps   |
| Bismuth    | 209-2 | 1155687 | 1179701 | 1188875 | 1174754 | 1.46   | cps   |
| Boron      | 10-1  | 1242    | 1208    | 1317    | 1256    | 4.42   | cps   |
| Boron      | 11-1  | 5043    | 5610    | 5735    | 5462    | 6.75   | cps   |
| Cadmium    | 111-1 | 1070    | 947     | 983     | 1000    | 6.34   | cps   |
| Cadmium    | 106-1 | 1542    | 1325    | 1408    | 1425    | 7.67   | cps   |
| Cadmium    | 108-1 | 25      | 8       | 4       | 13      | 88.19  | cps   |
| Calcium    | 43-1  | 151273  | 146979  | 149245  | 149166  | 1.44   | cps   |
| Calcium    | 44-1  | 2570695 | 2590091 | 2554626 | 2571804 | 0.69   | cps   |
| Chromium   | 52-2  | 1003    | 977     | 1003    | 995     | 1.55   | cps   |
| Cobalt     | 59-2  | 110     | 120     | 107     | 112     | 6.18   | cps   |
| Copper     | 63-2  | 300890  | 297331  | 296058  | 298093  | 0.84   | cps   |
| Dysprosium | 156-1 | 83      | 75      | 50      | 69      | 24.98  | cps   |
| Dysprosium | 156-2 | 20      | 17      | 10      | 16      | 32.73  | cps   |
| Erbium     | 164-1 | 67      | 108     | 108     | 94      | 25.47  | cps   |
| Erbium     | 164-2 | 10      | 13      | 17      | 13      | 25.01  | cps   |
| Gadolinium | 160-1 | 175     | 117     | 92      | 128     | 33.47  | cps   |
| Gadolinium | 160-2 | 40      | 47      | 17      | 34      | 45.73  | cps   |
| Holmium    | 165-1 | 4905519 | 4994043 | 4882086 | 4927216 | 1.20   | cps   |
| Holmium    | 165-2 | 1630195 | 1638664 | 1633176 | 1634012 | 0.26   | cps   |
| Indium     | 115-1 | 5141008 | 5108715 | 5094155 | 5114626 | 0.47   | cps   |
| Indium     | 115-2 | 313339  | 326778  | 327709  | 322609  | 2.49   | cps   |
| Iron       | 56-2  | 21534   | 23502   | 22180   | 22405   | 4.48   | cps   |
| Iron       | 57-2  | 561     | 650     | 706     | 639     | 11.40  | cps   |
| Lead       | 206-1 | 2439    | 2523    | 2534    | 2498    | 2.07   | cps   |
| Lead       | 207-1 | 2084    | 1961    | 2017    | 2021    | 3.03   | cps   |
| Lead       | 208-1 | 9735    | 9424    | 9463    | 9541    | 1.78   | cps   |
| Lithium    | 6-1   | 958407  | 949558  | 940432  | 949466  | 0.95   | cps   |
| Magnesium  | 24-2  | 55141   | 53903   | 55459   | 54835   | 1.50   | cps   |
| Manganese  | 55-2  | 5681    | 5525    | 5528    | 5578    | 1.61   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-30             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-66-FL3-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:45:03  | DataFile Name :   | 128SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 392     | 450     | 383     | 408     | 8.90   | cps   |
| Molybdenum | 95-1  | 167     | 133     | 200     | 167     | 20.00  | cps   |
| Molybdenum | 96-1  | 275     | 233     | 300     | 269     | 12.50  | cps   |
| Molybdenum | 97-1  | 175     | 133     | 192     | 167     | 18.03  | cps   |
| Molybdenum | 98-1  | 333     | 317     | 300     | 317     | 5.26   | cps   |
| Neodymium  | 150-1 | 60      | 40      | 47      | 49      | 20.83  | cps   |
| Neodymium  | 150-2 | 7       | 10      | 7       | 8       | 24.71  | cps   |
| Nickel     | 60-2  | 423     | 417     | 393     | 411     | 3.83   | cps   |
| Phosphorus | 31-2  | 558     | 508     | 467     | 511     | 8.98   | cps   |
| Potassium  | 39-2  | 21117   | 21000   | 20098   | 20738   | 2.69   | cps   |
| Rhodium    | 103-1 | 4959973 | 4994648 | 4959636 | 4971419 | 0.40   | cps   |
| Rhodium    | 103-2 | 1682397 | 1739181 | 1735450 | 1719009 | 1.85   | cps   |
| Scandium   | 45-1  | 3693037 | 3677545 | 3713575 | 3694719 | 0.49   | cps   |
| Scandium   | 45-2  | 36729   | 38265   | 37697   | 37564   | 2.07   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 6       | 4       | 6       | 5       | 21.74  | cps   |
| Selenium   | 82-1  | 82      | 31      | 45      | 53      | 50.14  | cps   |
| Silicon    | 28-1  | 5372621 | 5260210 | 5240270 | 5291033 | 1.35   | cps   |
| Silver     | 109-1 | 208     | 117     | 92      | 139     | 44.23  | cps   |
| Silver     | 107-1 | 217     | 217     | 117     | 183     | 31.49  | cps   |
| Sodium     | 23-2  | 1237399 | 1220435 | 1205148 | 1220994 | 1.32   | cps   |
| Strontium  | 86-1  | 57363   | 54669   | 56493   | 56175   | 2.45   | cps   |
| Strontium  | 88-1  | 478974  | 482338  | 475904  | 479072  | 0.67   | cps   |
| Sulfur     | 34-1  | 582729  | 573677  | 579551  | 578652  | 0.79   | cps   |
| Terbium    | 159-1 | 5308297 | 5278503 | 5334330 | 5307043 | 0.53   | cps   |
| Terbium    | 159-2 | 1588847 | 1646568 | 1674632 | 1636682 | 2.67   | cps   |
| Thallium   | 203-1 | 167     | 100     | 175     | 147     | 27.92  | cps   |
| Thallium   | 205-1 | 400     | 283     | 375     | 353     | 17.41  | cps   |
| Tin        | 118-1 | 742     | 817     | 725     | 761     | 6.42   | cps   |
| Titanium   | 47-1  | 867     | 650     | 742     | 753     | 14.45  | cps   |
| Uranium    | 238-1 | 183     | 225     | 200     | 203     | 10.34  | cps   |
| Vanadium   | 51-2  | 73      | 77      | 67      | 72      | 7.05   | cps   |
| Yttrium    | 89-1  | 5758039 | 5839428 | 5860247 | 5819238 | 0.93   | cps   |
| Yttrium    | 89-2  | 235792  | 246764  | 246586  | 243048  | 2.59   | cps   |
| Zinc       | 66-2  | 9624    | 9630    | 9767    | 9674    | 0.84   | cps   |
| Zirconium  | 90-1  | 792     | 917     | 733     | 814     | 11.51  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-30             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-66-FL3-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:45:03  | DataFile Name :   | 128SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 150  | 167  | 156     | 6.19   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-31             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-67-FL3-CL9-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:48:12  | DataFile Name :   | 129SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 242     | 275     | 200     | 239     | 15.73  | cps   |
| Antimony   | 121-1 | 467     | 425     | 467     | 453     | 5.31   | cps   |
| Arsenic    | 75-2  | 65      | 37      | 39      | 47      | 33.11  | cps   |
| Barium     | 135-1 | 33318   | 33385   | 32917   | 33207   | 0.76   | cps   |
| Barium     | 137-1 | 57601   | 57141   | 57317   | 57353   | 0.40   | cps   |
| Beryllium  | 9-1   | 33      | 56      | 56      | 48      | 26.66  | cps   |
| Bismuth    | 209-1 | 2722270 | 2637049 | 2681425 | 2680248 | 1.59   | cps   |
| Bismuth    | 209-2 | 1182619 | 1189264 | 1198507 | 1190130 | 0.67   | cps   |
| Boron      | 10-1  | 1258    | 1192    | 1325    | 1258    | 5.30   | cps   |
| Boron      | 11-1  | 6052    | 5326    | 5676    | 5685    | 6.38   | cps   |
| Cadmium    | 111-1 | 1000    | 820     | 891     | 904     | 10.01  | cps   |
| Cadmium    | 106-1 | 1408    | 1142    | 1242    | 1264    | 10.66  | cps   |
| Cadmium    | 108-1 | 4       | 0       | 4       | 3       | 86.60  | cps   |
| Calcium    | 43-1  | 149649  | 149843  | 147930  | 149141  | 0.71   | cps   |
| Calcium    | 44-1  | 2556401 | 2570407 | 2520045 | 2548951 | 1.02   | cps   |
| Chromium   | 52-2  | 1080    | 1040    | 1030    | 1050    | 2.52   | cps   |
| Cobalt     | 59-2  | 110     | 113     | 103     | 109     | 4.68   | cps   |
| Copper     | 63-2  | 233923  | 233557  | 234863  | 234114  | 0.29   | cps   |
| Dysprosium | 156-1 | 33      | 58      | 33      | 42      | 34.65  | cps   |
| Dysprosium | 156-2 | 30      | 13      | 7       | 17      | 72.11  | cps   |
| Erbium     | 164-1 | 92      | 50      | 58      | 67      | 33.07  | cps   |
| Erbium     | 164-2 | 10      | 13      | 17      | 13      | 25.01  | cps   |
| Gadolinium | 160-1 | 83      | 100     | 100     | 94      | 10.19  | cps   |
| Gadolinium | 160-2 | 33      | 23      | 53      | 37      | 41.67  | cps   |
| Holmium    | 165-1 | 4808863 | 4740907 | 4780673 | 4776814 | 0.71   | cps   |
| Holmium    | 165-2 | 1666348 | 1600714 | 1713342 | 1660135 | 3.41   | cps   |
| Indium     | 115-1 | 4961684 | 4883704 | 4993841 | 4946410 | 1.14   | cps   |
| Indium     | 115-2 | 328814  | 326780  | 328780  | 328125  | 0.35   | cps   |
| Iron       | 56-2  | 25699   | 26169   | 26382   | 26083   | 1.34   | cps   |
| Iron       | 57-2  | 511     | 694     | 572     | 593     | 15.75  | cps   |
| Lead       | 206-1 | 2095    | 2061    | 1967    | 2041    | 3.25   | cps   |
| Lead       | 207-1 | 1845    | 1700    | 1750    | 1765    | 4.16   | cps   |
| Lead       | 208-1 | 8079    | 8235    | 7890    | 8068    | 2.14   | cps   |
| Lithium    | 6-1   | 946482  | 890817  | 922921  | 920074  | 3.04   | cps   |
| Magnesium  | 24-2  | 54547   | 55693   | 54723   | 54988   | 1.12   | cps   |
| Manganese  | 55-2  | 5421    | 5471    | 5381    | 5424    | 0.83   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-31             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-67-FL3-CL9-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:48:12  | DataFile Name :   | 129SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 417     | 483     | 400     | 433     | 10.18   | cps   |
| Molybdenum | 95-1  | 192     | 150     | 192     | 178     | 13.53   | cps   |
| Molybdenum | 96-1  | 275     | 217     | 208     | 233     | 15.57   | cps   |
| Molybdenum | 97-1  | 183     | 108     | 142     | 144     | 26.02   | cps   |
| Molybdenum | 98-1  | 192     | 325     | 208     | 242     | 30.06   | cps   |
| Neodymium  | 150-1 | 33      | 40      | 27      | 33      | 20.00   | cps   |
| Neodymium  | 150-2 | 3       | 7       | 0       | 3       | 100.05  | cps   |
| Nickel     | 60-2  | 323     | 350     | 357     | 343     | 5.14    | cps   |
| Phosphorus | 31-2  | 433     | 642     | 525     | 533     | 19.58   | cps   |
| Potassium  | 39-2  | 21067   | 19957   | 21133   | 20719   | 3.19    | cps   |
| Rhodium    | 103-1 | 4922571 | 4811534 | 4952743 | 4895616 | 1.52    | cps   |
| Rhodium    | 103-2 | 1736812 | 1700166 | 1740315 | 1725765 | 1.29    | cps   |
| Scandium   | 45-1  | 3594607 | 3519758 | 3543331 | 3552565 | 1.08    | cps   |
| Scandium   | 45-2  | 38118   | 38185   | 37778   | 38027   | 0.57    | cps   |
| Selenium   | 77-2  | 3       | 3       | 0       | 2       | 86.60   | cps   |
| Selenium   | 78-2  | 6       | 2       | 0       | 2       | 114.63  | cps   |
| Selenium   | 82-1  | -66     | 18      | 4       | -15     | -303.67 | cps   |
| Silicon    | 28-1  | 5333364 | 5279248 | 5226083 | 5279565 | 1.02    | cps   |
| Silver     | 109-1 | 183     | 175     | 183     | 181     | 2.66    | cps   |
| Silver     | 107-1 | 158     | 133     | 117     | 136     | 15.41   | cps   |
| Sodium     | 23-2  | 1216795 | 1230299 | 1223124 | 1223406 | 0.55    | cps   |
| Strontium  | 86-1  | 55690   | 55982   | 55254   | 55642   | 0.66    | cps   |
| Strontium  | 88-1  | 481547  | 480467  | 472397  | 478137  | 1.05    | cps   |
| Sulfur     | 34-1  | 578663  | 582164  | 588547  | 583125  | 0.86    | cps   |
| Terbium    | 159-1 | 5258615 | 5083546 | 5154941 | 5165701 | 1.70    | cps   |
| Terbium    | 159-2 | 1626996 | 1661803 | 1649462 | 1646087 | 1.07    | cps   |
| Thallium   | 203-1 | 92      | 92      | 142     | 108     | 26.65   | cps   |
| Thallium   | 205-1 | 383     | 425     | 275     | 361     | 21.44   | cps   |
| Tin        | 118-1 | 500     | 492     | 542     | 511     | 5.24    | cps   |
| Titanium   | 47-1  | 658     | 817     | 550     | 675     | 19.87   | cps   |
| Uranium    | 238-1 | 208     | 242     | 200     | 217     | 10.18   | cps   |
| Vanadium   | 51-2  | 80      | 80      | 70      | 77      | 7.53    | cps   |
| Yttrium    | 89-1  | 5733410 | 5632802 | 5704408 | 5690207 | 0.91    | cps   |
| Yttrium    | 89-2  | 247413  | 245687  | 252017  | 248372  | 1.32    | cps   |
| Zinc       | 66-2  | 4031    | 3854    | 3887    | 3924    | 2.39    | cps   |
| Zirconium  | 90-1  | 1386    | 4911    | 742     | 2346    | 95.65   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-31             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-67-FL3-CL9-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:48:12  | DataFile Name :   | 129SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 183  | 200  | 178     | 14.32  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-32             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-68-FL3-CL9-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:51:23  | DataFile Name :   | 130SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 217     | 200     | 275     | 231     | 17.08  | cps   |
| Antimony   | 121-1 | 467     | 492     | 517     | 492     | 5.08   | cps   |
| Arsenic    | 75-2  | 37      | 46      | 50      | 44      | 15.02  | cps   |
| Barium     | 135-1 | 33895   | 34162   | 33118   | 33725   | 1.61   | cps   |
| Barium     | 137-1 | 58714   | 58589   | 58280   | 58528   | 0.38   | cps   |
| Beryllium  | 9-1   | 33      | 61      | 78      | 57      | 39.12  | cps   |
| Bismuth    | 209-1 | 2722626 | 2769895 | 2767032 | 2753184 | 0.96   | cps   |
| Bismuth    | 209-2 | 1179613 | 1169844 | 1167017 | 1172158 | 0.56   | cps   |
| Boron      | 10-1  | 1117    | 1233    | 1217    | 1189    | 5.31   | cps   |
| Boron      | 11-1  | 5726    | 6018    | 5210    | 5651    | 7.25   | cps   |
| Cadmium    | 111-1 | 996     | 1085    | 1072    | 1051    | 4.57   | cps   |
| Cadmium    | 106-1 | 1375    | 1559    | 1508    | 1481    | 6.40   | cps   |
| Cadmium    | 108-1 | 0       | 21      | 13      | 11      | 94.37  | cps   |
| Calcium    | 43-1  | 150212  | 146870  | 147769  | 148284  | 1.17   | cps   |
| Calcium    | 44-1  | 2530086 | 2552997 | 2506361 | 2529815 | 0.92   | cps   |
| Chromium   | 52-2  | 1113    | 1047    | 1000    | 1053    | 5.41   | cps   |
| Cobalt     | 59-2  | 113     | 110     | 147     | 123     | 16.44  | cps   |
| Copper     | 63-2  | 226830  | 223457  | 222761  | 224350  | 0.97   | cps   |
| Dysprosium | 156-1 | 58      | 17      | 17      | 31      | 78.72  | cps   |
| Dysprosium | 156-2 | 23      | 3       | 23      | 17      | 69.30  | cps   |
| Erbium     | 164-1 | 58      | 108     | 33      | 67      | 57.29  | cps   |
| Erbium     | 164-2 | 17      | 20      | 13      | 17      | 20.01  | cps   |
| Gadolinium | 160-1 | 58      | 92      | 75      | 75      | 22.22  | cps   |
| Gadolinium | 160-2 | 20      | 33      | 20      | 24      | 31.49  | cps   |
| Holmium    | 165-1 | 4802668 | 4863579 | 4894476 | 4853574 | 0.96   | cps   |
| Holmium    | 165-2 | 1673613 | 1584309 | 1590294 | 1616072 | 3.09   | cps   |
| Indium     | 115-1 | 4936326 | 5009990 | 5034665 | 4993660 | 1.02   | cps   |
| Indium     | 115-2 | 326143  | 323961  | 321116  | 323740  | 0.78   | cps   |
| Iron       | 56-2  | 23580   | 21490   | 21875   | 22315   | 4.99   | cps   |
| Iron       | 57-2  | 633     | 433     | 556     | 541     | 18.65  | cps   |
| Lead       | 206-1 | 1800    | 2211    | 1889    | 1967    | 11.00  | cps   |
| Lead       | 207-1 | 1572    | 1528    | 1478    | 1526    | 3.10   | cps   |
| Lead       | 208-1 | 7273    | 7701    | 7134    | 7370    | 4.01   | cps   |
| Lithium    | 6-1   | 920517  | 929940  | 953239  | 934565  | 1.80   | cps   |
| Magnesium  | 24-2  | 53351   | 52773   | 53661   | 53262   | 0.85   | cps   |
| Manganese  | 55-2  | 5184    | 5128    | 4844    | 5052    | 3.61   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-32             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-68-FL3-CL9-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:51:23  | DataFile Name :   | 130SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 225     | 267     | 333     | 275     | 19.87   | cps   |
| Molybdenum | 95-1  | 183     | 200     | 150     | 178     | 14.32   | cps   |
| Molybdenum | 96-1  | 208     | 267     | 283     | 253     | 15.58   | cps   |
| Molybdenum | 97-1  | 133     | 100     | 133     | 122     | 15.74   | cps   |
| Molybdenum | 98-1  | 333     | 242     | 233     | 269     | 20.59   | cps   |
| Neodymium  | 150-1 | 27      | 73      | 47      | 49      | 47.89   | cps   |
| Neodymium  | 150-2 | 13      | 3       | 0       | 6       | 124.93  | cps   |
| Nickel     | 60-2  | 343     | 330     | 353     | 342     | 3.42    | cps   |
| Phosphorus | 31-2  | 533     | 567     | 492     | 531     | 7.08    | cps   |
| Potassium  | 39-2  | 19239   | 20607   | 20048   | 19965   | 3.45    | cps   |
| Rhodium    | 103-1 | 4807809 | 4961172 | 4843779 | 4870920 | 1.65    | cps   |
| Rhodium    | 103-2 | 1718730 | 1717701 | 1687263 | 1707898 | 1.05    | cps   |
| Scandium   | 45-1  | 3626117 | 3668065 | 3597422 | 3630535 | 0.98    | cps   |
| Scandium   | 45-2  | 37651   | 37313   | 36949   | 37304   | 0.94    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 2       | 7       | 2       | 4       | 86.68   | cps   |
| Selenium   | 82-1  | 79      | -85     | 18      | 4       | 2093.63 | cps   |
| Silicon    | 28-1  | 5539577 | 5844076 | 5580952 | 5654868 | 2.92    | cps   |
| Silver     | 109-1 | 83      | 117     | 83      | 94      | 20.37   | cps   |
| Silver     | 107-1 | 108     | 92      | 133     | 111     | 18.88   | cps   |
| Sodium     | 23-2  | 1212420 | 1203825 | 1186704 | 1200983 | 1.09    | cps   |
| Strontium  | 86-1  | 55999   | 55398   | 55581   | 55659   | 0.55    | cps   |
| Strontium  | 88-1  | 471746  | 468863  | 462845  | 467818  | 0.97    | cps   |
| Sulfur     | 34-1  | 592141  | 589585  | 592364  | 591363  | 0.26    | cps   |
| Terbium    | 159-1 | 5085617 | 5215290 | 5161097 | 5154001 | 1.26    | cps   |
| Terbium    | 159-2 | 1663497 | 1645566 | 1641128 | 1650063 | 0.72    | cps   |
| Thallium   | 203-1 | 125     | 158     | 133     | 139     | 12.49   | cps   |
| Thallium   | 205-1 | 317     | 350     | 300     | 322     | 7.90    | cps   |
| Tin        | 118-1 | 458     | 425     | 550     | 478     | 13.55   | cps   |
| Titanium   | 47-1  | 642     | 733     | 733     | 703     | 7.53    | cps   |
| Uranium    | 238-1 | 250     | 250     | 242     | 247     | 1.95    | cps   |
| Vanadium   | 51-2  | 63      | 47      | 90      | 67      | 32.79   | cps   |
| Yttrium    | 89-1  | 5636139 | 5695662 | 5725158 | 5685653 | 0.80    | cps   |
| Yttrium    | 89-2  | 243577  | 243587  | 244827  | 243997  | 0.29    | cps   |
| Zinc       | 66-2  | 3514    | 3444    | 3607    | 3522    | 2.33    | cps   |
| Zirconium  | 90-1  | 692     | 725     | 608     | 675     | 8.90    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-32             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-68-FL3-CL9-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:51:23  | DataFile Name :   | 130SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 117  | 183  | 161     | 23.89  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-33             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-69-FL3-BRCL9 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:54:32  | DataFile Name :   | 131SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 250     | 150     | 175     | 192     | 27.15  | cps   |
| Antimony   | 121-1 | 725     | 642     | 692     | 686     | 6.11   | cps   |
| Arsenic    | 75-2  | 39      | 46      | 39      | 41      | 10.34  | cps   |
| Barium     | 135-1 | 32240   | 31739   | 31865   | 31948   | 0.82   | cps   |
| Barium     | 137-1 | 56254   | 56840   | 55501   | 56198   | 1.19   | cps   |
| Beryllium  | 9-1   | 67      | 61      | 56      | 61      | 9.09   | cps   |
| Bismuth    | 209-1 | 2755588 | 2730096 | 2705907 | 2730530 | 0.91   | cps   |
| Bismuth    | 209-2 | 1174951 | 1144984 | 1188719 | 1169551 | 1.91   | cps   |
| Boron      | 10-1  | 1292    | 1200    | 1108    | 1200    | 7.64   | cps   |
| Boron      | 11-1  | 5543    | 5926    | 5601    | 5690    | 3.63   | cps   |
| Cadmium    | 111-1 | 872     | 959     | 998     | 943     | 6.84   | cps   |
| Cadmium    | 106-1 | 1208    | 1375    | 1392    | 1325    | 7.65   | cps   |
| Cadmium    | 108-1 | 17      | 29      | 8       | 18      | 58.09  | cps   |
| Calcium    | 43-1  | 148494  | 150037  | 147382  | 148638  | 0.90   | cps   |
| Calcium    | 44-1  | 2601024 | 2560161 | 2521123 | 2560769 | 1.56   | cps   |
| Chromium   | 52-2  | 1050    | 1140    | 1027    | 1072    | 5.58   | cps   |
| Cobalt     | 59-2  | 120     | 143     | 110     | 124     | 13.75  | cps   |
| Copper     | 63-2  | 361354  | 359116  | 361798  | 360756  | 0.40   | cps   |
| Dysprosium | 156-1 | 25      | 42      | 25      | 31      | 31.50  | cps   |
| Dysprosium | 156-2 | 10      | 10      | 7       | 9       | 21.63  | cps   |
| Erbium     | 164-1 | 67      | 33      | 75      | 58      | 37.80  | cps   |
| Erbium     | 164-2 | 7       | 20      | 7       | 11      | 69.25  | cps   |
| Gadolinium | 160-1 | 108     | 142     | 100     | 117     | 18.90  | cps   |
| Gadolinium | 160-2 | 17      | 13      | 17      | 16      | 12.40  | cps   |
| Holmium    | 165-1 | 4839330 | 4805839 | 4884113 | 4843094 | 0.81   | cps   |
| Holmium    | 165-2 | 1660668 | 1603435 | 1683210 | 1649104 | 2.49   | cps   |
| Indium     | 115-1 | 5090177 | 5001777 | 4998160 | 5030038 | 1.04   | cps   |
| Indium     | 115-2 | 325448  | 317078  | 326625  | 323050  | 1.61   | cps   |
| Iron       | 56-2  | 19019   | 20102   | 19148   | 19423   | 3.05   | cps   |
| Iron       | 57-2  | 656     | 439     | 478     | 524     | 22.05  | cps   |
| Lead       | 206-1 | 3995    | 3895    | 3956    | 3949    | 1.28   | cps   |
| Lead       | 207-1 | 3323    | 3534    | 3406    | 3421    | 3.11   | cps   |
| Lead       | 208-1 | 15816   | 15649   | 15404   | 15623   | 1.32   | cps   |
| Lithium    | 6-1   | 945343  | 932513  | 930751  | 936203  | 0.85   | cps   |
| Magnesium  | 24-2  | 55952   | 55317   | 54631   | 55300   | 1.20   | cps   |
| Manganese  | 55-2  | 4291    | 4111    | 4124    | 4175    | 2.40   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-33             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-69-FL3-BRCL9 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:54:32  | DataFile Name :   | 131SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 433     | 375     | 300     | 369     | 18.09   | cps   |
| Molybdenum | 95-1  | 217     | 183     | 142     | 181     | 20.81   | cps   |
| Molybdenum | 96-1  | 392     | 283     | 142     | 272     | 46.06   | cps   |
| Molybdenum | 97-1  | 142     | 108     | 125     | 125     | 13.33   | cps   |
| Molybdenum | 98-1  | 167     | 242     | 258     | 222     | 21.97   | cps   |
| Neodymium  | 150-1 | 33      | 53      | 33      | 40      | 28.88   | cps   |
| Neodymium  | 150-2 | 7       | 3       | 13      | 8       | 65.47   | cps   |
| Nickel     | 60-2  | 2807    | 2554    | 2634    | 2665    | 4.86    | cps   |
| Phosphorus | 31-2  | 358     | 550     | 542     | 483     | 22.41   | cps   |
| Potassium  | 39-2  | 20833   | 20140   | 20065   | 20346   | 2.08    | cps   |
| Rhodium    | 103-1 | 4912858 | 4930706 | 4884759 | 4909441 | 0.47    | cps   |
| Rhodium    | 103-2 | 1732831 | 1665053 | 1729166 | 1709017 | 2.23    | cps   |
| Scandium   | 45-1  | 3711039 | 3715610 | 3662994 | 3696548 | 0.79    | cps   |
| Scandium   | 45-2  | 38189   | 36782   | 38092   | 37687   | 2.08    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 7       | 6       | 2       | 5       | 57.32   | cps   |
| Selenium   | 82-1  | -25     | -77     | 73      | -9      | -805.35 | cps   |
| Silicon    | 28-1  | 5351707 | 5235920 | 5234988 | 5274205 | 1.27    | cps   |
| Silver     | 109-1 | 175     | 142     | 192     | 169     | 15.03   | cps   |
| Silver     | 107-1 | 167     | 217     | 167     | 183     | 15.74   | cps   |
| Sodium     | 23-2  | 1236301 | 1229016 | 1229959 | 1231759 | 0.32    | cps   |
| Strontium  | 86-1  | 55380   | 55514   | 55455   | 55450   | 0.12    | cps   |
| Strontium  | 88-1  | 470372  | 470055  | 456488  | 465638  | 1.70    | cps   |
| Sulfur     | 34-1  | 598616  | 602353  | 601599  | 600856  | 0.33    | cps   |
| Terbium    | 159-1 | 5289819 | 5170711 | 5130453 | 5196994 | 1.59    | cps   |
| Terbium    | 159-2 | 1629970 | 1590105 | 1677547 | 1632541 | 2.68    | cps   |
| Thallium   | 203-1 | 142     | 142     | 142     | 142     | 0.00    | cps   |
| Thallium   | 205-1 | 467     | 392     | 375     | 411     | 11.88   | cps   |
| Tin        | 118-1 | 767     | 692     | 800     | 753     | 7.37    | cps   |
| Titanium   | 47-1  | 650     | 642     | 667     | 653     | 1.95    | cps   |
| Uranium    | 238-1 | 258     | 125     | 225     | 203     | 34.22   | cps   |
| Vanadium   | 51-2  | 90      | 63      | 80      | 78      | 17.32   | cps   |
| Yttrium    | 89-1  | 5742748 | 5761701 | 5633296 | 5712582 | 1.21    | cps   |
| Yttrium    | 89-2  | 247997  | 238786  | 247899  | 244894  | 2.16    | cps   |
| Zinc       | 66-2  | 24081   | 24622   | 24165   | 24289   | 1.20    | cps   |
| Zirconium  | 90-1  | 617     | 858     | 550     | 675     | 24.04   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-33             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-69-FL3-BRCL9 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:54:32  | DataFile Name :   | 131SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 192  | 83   | 133     | 40.98  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-34             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-70-FL3-BRCL9 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:57:42  | DataFile Name :   | 132SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 183     | 100     | 175     | 153     | 30.04  | cps   |
| Antimony   | 121-1 | 500     | 617     | 458     | 525     | 15.63  | cps   |
| Arsenic    | 75-2  | 43      | 39      | 31      | 38      | 15.02  | cps   |
| Barium     | 135-1 | 32850   | 32207   | 31906   | 32321   | 1.49   | cps   |
| Barium     | 137-1 | 54639   | 54773   | 55233   | 54882   | 0.57   | cps   |
| Beryllium  | 9-1   | 89      | 39      | 50      | 59      | 44.30  | cps   |
| Bismuth    | 209-1 | 2746534 | 2712377 | 2722857 | 2727256 | 0.64   | cps   |
| Bismuth    | 209-2 | 1177225 | 1187156 | 1178100 | 1180827 | 0.47   | cps   |
| Boron      | 10-1  | 1208    | 1317    | 1425    | 1317    | 8.23   | cps   |
| Boron      | 11-1  | 5268    | 5401    | 5585    | 5418    | 2.94   | cps   |
| Cadmium    | 111-1 | 898     | 830     | 1010    | 913     | 9.91   | cps   |
| Cadmium    | 106-1 | 1258    | 1175    | 1425    | 1286    | 9.90   | cps   |
| Cadmium    | 108-1 | 17      | 13      | 13      | 14      | 17.33  | cps   |
| Calcium    | 43-1  | 148806  | 148336  | 146752  | 147965  | 0.73   | cps   |
| Calcium    | 44-1  | 2525206 | 2554346 | 2541495 | 2540349 | 0.57   | cps   |
| Chromium   | 52-2  | 1107    | 1053    | 1083    | 1081    | 2.47   | cps   |
| Cobalt     | 59-2  | 103     | 73      | 137     | 104     | 30.34  | cps   |
| Copper     | 63-2  | 345685  | 346598  | 342520  | 344934  | 0.62   | cps   |
| Dysprosium | 156-1 | 67      | 33      | 33      | 44      | 43.31  | cps   |
| Dysprosium | 156-2 | 10      | 17      | 13      | 13      | 25.01  | cps   |
| Erbium     | 164-1 | 50      | 100     | 67      | 72      | 35.25  | cps   |
| Erbium     | 164-2 | 17      | 7       | 7       | 10      | 57.72  | cps   |
| Gadolinium | 160-1 | 50      | 75      | 17      | 47      | 61.97  | cps   |
| Gadolinium | 160-2 | 20      | 17      | 27      | 21      | 24.12  | cps   |
| Holmium    | 165-1 | 4873682 | 4840825 | 4856806 | 4857104 | 0.34   | cps   |
| Holmium    | 165-2 | 1594731 | 1689431 | 1652453 | 1645538 | 2.90   | cps   |
| Indium     | 115-1 | 5078567 | 4991088 | 4982662 | 5017439 | 1.06   | cps   |
| Indium     | 115-2 | 326188  | 327395  | 326271  | 326618  | 0.21   | cps   |
| Iron       | 56-2  | 23576   | 25126   | 24122   | 24275   | 3.24   | cps   |
| Iron       | 57-2  | 661     | 789     | 567     | 672     | 16.59  | cps   |
| Lead       | 206-1 | 1161    | 1189    | 1195    | 1182    | 1.51   | cps   |
| Lead       | 207-1 | 1200    | 1150    | 1150    | 1167    | 2.47   | cps   |
| Lead       | 208-1 | 5167    | 4789    | 4967    | 4975    | 3.80   | cps   |
| Lithium    | 6-1   | 934009  | 945314  | 924056  | 934459  | 1.14   | cps   |
| Magnesium  | 24-2  | 55233   | 55735   | 53343   | 54770   | 2.30   | cps   |
| Manganese  | 55-2  | 5188    | 5101    | 5018    | 5102    | 1.67   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-34 Instrumnet Name : P8  
 Client Sample ID : DC20894-70-FL3-BRCL9 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 18:57:42 DataFile Name : 132SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 300     | 358     | 308     | 322     | 9.79   | cps   |
| Molybdenum | 95-1  | 133     | 175     | 150     | 153     | 13.73  | cps   |
| Molybdenum | 96-1  | 242     | 292     | 167     | 233     | 26.96  | cps   |
| Molybdenum | 97-1  | 100     | 117     | 133     | 117     | 14.29  | cps   |
| Molybdenum | 98-1  | 258     | 258     | 175     | 231     | 20.87  | cps   |
| Neodymium  | 150-1 | 33      | 40      | 53      | 42      | 24.13  | cps   |
| Neodymium  | 150-2 | 7       | 3       | 13      | 8       | 65.47  | cps   |
| Nickel     | 60-2  | 840     | 803     | 847     | 830     | 2.81   | cps   |
| Phosphorus | 31-2  | 625     | 558     | 433     | 539     | 18.06  | cps   |
| Potassium  | 39-2  | 20491   | 20657   | 20299   | 20482   | 0.88   | cps   |
| Rhodium    | 103-1 | 4986619 | 4934284 | 5010571 | 4977158 | 0.78   | cps   |
| Rhodium    | 103-2 | 1739439 | 1726323 | 1706481 | 1724081 | 0.96   | cps   |
| Scandium   | 45-1  | 3718925 | 3643212 | 3710751 | 3690963 | 1.13   | cps   |
| Scandium   | 45-2  | 37657   | 37734   | 37182   | 37525   | 0.80   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 4       | 2       | 3       | 34.64  | cps   |
| Selenium   | 82-1  | 96      | -54     | 15      | 19      | 392.89 | cps   |
| Silicon    | 28-1  | 5307247 | 5244153 | 5246458 | 5265953 | 0.68   | cps   |
| Silver     | 109-1 | 117     | 142     | 150     | 136     | 12.75  | cps   |
| Silver     | 107-1 | 175     | 142     | 100     | 139     | 27.06  | cps   |
| Sodium     | 23-2  | 1231081 | 1221516 | 1215419 | 1222672 | 0.65   | cps   |
| Strontium  | 86-1  | 54192   | 54226   | 55815   | 54744   | 1.69   | cps   |
| Strontium  | 88-1  | 469938  | 470532  | 462439  | 467636  | 0.96   | cps   |
| Sulfur     | 34-1  | 596432  | 598893  | 599312  | 598212  | 0.26   | cps   |
| Terbium    | 159-1 | 5200919 | 5243438 | 5198949 | 5214435 | 0.48   | cps   |
| Terbium    | 159-2 | 1671897 | 1637610 | 1657011 | 1655506 | 1.04   | cps   |
| Thallium   | 203-1 | 142     | 108     | 133     | 128     | 13.57  | cps   |
| Thallium   | 205-1 | 408     | 225     | 292     | 308     | 30.10  | cps   |
| Tin        | 118-1 | 467     | 433     | 500     | 467     | 7.14   | cps   |
| Titanium   | 47-1  | 733     | 750     | 567     | 683     | 14.84  | cps   |
| Uranium    | 238-1 | 208     | 158     | 208     | 192     | 15.06  | cps   |
| Vanadium   | 51-2  | 87      | 80      | 93      | 87      | 7.70   | cps   |
| Yttrium    | 89-1  | 5794918 | 5761307 | 5817820 | 5791348 | 0.49   | cps   |
| Yttrium    | 89-2  | 248557  | 248039  | 245095  | 247230  | 0.76   | cps   |
| Zinc       | 66-2  | 14591   | 15155   | 15088   | 14945   | 2.06   | cps   |
| Zirconium  | 90-1  | 683     | 2681    | 567     | 1311    | 90.70  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-34             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-70-FL3-BRCL9 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 18:57:42  | DataFile Name :   | 132SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 75   | 67   | 100     | 50.69  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-35 Instrumnet Name : P8  
 Client Sample ID : DC20894-71-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:00:51 DataFile Name : 133SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 150     | 183     | 125     | 153     | 19.15  | cps   |
| Antimony   | 121-1 | 650     | 542     | 492     | 561     | 14.43  | cps   |
| Arsenic    | 75-2  | 50      | 50      | 52      | 51      | 2.11   | cps   |
| Barium     | 135-1 | 32215   | 32157   | 31672   | 32015   | 0.93   | cps   |
| Barium     | 137-1 | 57308   | 55852   | 56312   | 56491   | 1.32   | cps   |
| Beryllium  | 9-1   | 61      | 39      | 50      | 50      | 22.22  | cps   |
| Bismuth    | 209-1 | 2715339 | 2712865 | 2642808 | 2690337 | 1.53   | cps   |
| Bismuth    | 209-2 | 1152526 | 1165889 | 1164742 | 1161052 | 0.64   | cps   |
| Boron      | 10-1  | 1308    | 1150    | 1167    | 1208    | 7.20   | cps   |
| Boron      | 11-1  | 4993    | 5893    | 6152    | 5679    | 10.71  | cps   |
| Cadmium    | 111-1 | 1013    | 1026    | 867     | 969     | 9.09   | cps   |
| Cadmium    | 106-1 | 1425    | 1408    | 1233    | 1356    | 7.83   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 13      | 10      | 24.77  | cps   |
| Calcium    | 43-1  | 148292  | 146830  | 146920  | 147347  | 0.56   | cps   |
| Calcium    | 44-1  | 2558353 | 2499995 | 2486210 | 2514852 | 1.52   | cps   |
| Chromium   | 52-2  | 1067    | 1030    | 1117    | 1071    | 4.06   | cps   |
| Cobalt     | 59-2  | 100     | 97      | 97      | 98      | 1.97   | cps   |
| Copper     | 63-2  | 380827  | 374762  | 378544  | 378044  | 0.81   | cps   |
| Dysprosium | 156-1 | 42      | 42      | 50      | 44      | 10.82  | cps   |
| Dysprosium | 156-2 | 23      | 10      | 0       | 11      | 105.35 | cps   |
| Erbium     | 164-1 | 33      | 92      | 25      | 50      | 72.65  | cps   |
| Erbium     | 164-2 | 13      | 20      | 17      | 17      | 20.01  | cps   |
| Gadolinium | 160-1 | 108     | 42      | 67      | 72      | 46.63  | cps   |
| Gadolinium | 160-2 | 23      | 50      | 27      | 33      | 43.59  | cps   |
| Holmium    | 165-1 | 4895337 | 4859841 | 4758553 | 4837911 | 1.47   | cps   |
| Holmium    | 165-2 | 1627627 | 1644681 | 1586899 | 1619735 | 1.83   | cps   |
| Indium     | 115-1 | 5045500 | 4966807 | 4952371 | 4988226 | 1.00   | cps   |
| Indium     | 115-2 | 319689  | 325018  | 328273  | 324327  | 1.34   | cps   |
| Iron       | 56-2  | 18726   | 18897   | 19380   | 19001   | 1.78   | cps   |
| Iron       | 57-2  | 456     | 594     | 428     | 493     | 18.13  | cps   |
| Lead       | 206-1 | 1806    | 1834    | 1845    | 1828    | 1.10   | cps   |
| Lead       | 207-1 | 1533    | 1561    | 1589    | 1561    | 1.78   | cps   |
| Lead       | 208-1 | 7034    | 7034    | 7279    | 7116    | 1.98   | cps   |
| Lithium    | 6-1   | 932664  | 930745  | 922380  | 928596  | 0.59   | cps   |
| Magnesium  | 24-2  | 54497   | 53050   | 55108   | 54218   | 1.95   | cps   |
| Manganese  | 55-2  | 4174    | 4287    | 4171    | 4211    | 1.58   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-35 Instrumnet Name : P8  
 Client Sample ID : DC20894-71-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:00:51 DataFile Name : 133SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD   | Units |
|------------|-------|---------|---------|---------|---------|----------|-------|
| Molybdenum | 94-1  | 342     | 267     | 325     | 311     | 12.66    | cps   |
| Molybdenum | 95-1  | 142     | 133     | 125     | 133     | 6.25     | cps   |
| Molybdenum | 96-1  | 250     | 258     | 233     | 247     | 5.15     | cps   |
| Molybdenum | 97-1  | 125     | 150     | 125     | 133     | 10.82    | cps   |
| Molybdenum | 98-1  | 275     | 250     | 183     | 236     | 20.07    | cps   |
| Neodymium  | 150-1 | 20      | 27      | 40      | 29      | 35.25    | cps   |
| Neodymium  | 150-2 | 13      | 10      | 7       | 10      | 33.30    | cps   |
| Nickel     | 60-2  | 773     | 843     | 813     | 810     | 4.34     | cps   |
| Phosphorus | 31-2  | 517     | 525     | 567     | 536     | 5.00     | cps   |
| Potassium  | 39-2  | 19815   | 20724   | 20574   | 20371   | 2.39     | cps   |
| Rhodium    | 103-1 | 4952995 | 4902828 | 4869215 | 4908346 | 0.86     | cps   |
| Rhodium    | 103-2 | 1680465 | 1711677 | 1707438 | 1699860 | 1.00     | cps   |
| Scandium   | 45-1  | 3684931 | 3686245 | 3655091 | 3675423 | 0.48     | cps   |
| Scandium   | 45-2  | 37527   | 37393   | 37584   | 37501   | 0.26     | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60    | cps   |
| Selenium   | 78-2  | 0       | 4       | 0       | 1       | 173.21   | cps   |
| Selenium   | 82-1  | 61      | -42     | -24     | -2      | -3593.69 | cps   |
| Silicon    | 28-1  | 5215647 | 5185785 | 5289345 | 5230259 | 1.02     | cps   |
| Silver     | 109-1 | 150     | 108     | 133     | 131     | 16.06    | cps   |
| Silver     | 107-1 | 200     | 233     | 283     | 239     | 17.56    | cps   |
| Sodium     | 23-2  | 1220196 | 1208680 | 1216190 | 1215022 | 0.48     | cps   |
| Strontium  | 86-1  | 55673   | 55087   | 55673   | 55478   | 0.61     | cps   |
| Strontium  | 88-1  | 465380  | 463017  | 466410  | 464936  | 0.37     | cps   |
| Sulfur     | 34-1  | 601628  | 598989  | 596050  | 598889  | 0.47     | cps   |
| Terbium    | 159-1 | 5211193 | 5068146 | 5143939 | 5141093 | 1.39     | cps   |
| Terbium    | 159-2 | 1603502 | 1626712 | 1625050 | 1618421 | 0.80     | cps   |
| Thallium   | 203-1 | 192     | 133     | 100     | 142     | 32.75    | cps   |
| Thallium   | 205-1 | 292     | 242     | 333     | 289     | 15.89    | cps   |
| Tin        | 118-1 | 383     | 367     | 475     | 408     | 14.29    | cps   |
| Titanium   | 47-1  | 908     | 467     | 550     | 642     | 36.58    | cps   |
| Uranium    | 238-1 | 208     | 192     | 167     | 189     | 11.10    | cps   |
| Vanadium   | 51-2  | 67      | 83      | 97      | 82      | 18.28    | cps   |
| Yttrium    | 89-1  | 5758789 | 5722996 | 5630107 | 5703964 | 1.16     | cps   |
| Yttrium    | 89-2  | 240793  | 246271  | 248946  | 245336  | 1.69     | cps   |
| Zinc       | 66-2  | 10611   | 10454   | 10347   | 10471   | 1.27     | cps   |
| Zirconium  | 90-1  | 758     | 558     | 750     | 689     | 16.42    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-35             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-71-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:00:51  | DataFile Name :   | 133SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 142  | 150  | 156     | 11.15  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-36 Instrumnet Name : P8  
 Client Sample ID : DC20894-72-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:04:01 DataFile Name : 134SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 133     | 125     | 92      | 117     | 18.90  | cps   |
| Antimony   | 121-1 | 567     | 433     | 458     | 486     | 14.58  | cps   |
| Arsenic    | 75-2  | 50      | 59      | 46      | 52      | 12.87  | cps   |
| Barium     | 135-1 | 33176   | 32750   | 32775   | 32900   | 0.73   | cps   |
| Barium     | 137-1 | 55292   | 55342   | 55341   | 55325   | 0.05   | cps   |
| Beryllium  | 9-1   | 50      | 28      | 61      | 46      | 36.66  | cps   |
| Bismuth    | 209-1 | 2676632 | 2629887 | 2605231 | 2637250 | 1.38   | cps   |
| Bismuth    | 209-2 | 1178798 | 1171780 | 1180778 | 1177119 | 0.40   | cps   |
| Boron      | 10-1  | 1183    | 1108    | 1183    | 1158    | 3.74   | cps   |
| Boron      | 11-1  | 5260    | 5701    | 5468    | 5476    | 4.04   | cps   |
| Cadmium    | 111-1 | 958     | 903     | 977     | 946     | 4.04   | cps   |
| Cadmium    | 106-1 | 1342    | 1275    | 1392    | 1336    | 4.38   | cps   |
| Cadmium    | 108-1 | 21      | 8       | 38      | 22      | 65.86  | cps   |
| Calcium    | 43-1  | 145487  | 147813  | 148208  | 147170  | 1.00   | cps   |
| Calcium    | 44-1  | 2545697 | 2510860 | 2498968 | 2518508 | 0.96   | cps   |
| Chromium   | 52-2  | 1093    | 1043    | 970     | 1036    | 5.99   | cps   |
| Cobalt     | 59-2  | 103     | 73      | 127     | 101     | 26.45  | cps   |
| Copper     | 63-2  | 355204  | 352032  | 353990  | 353742  | 0.45   | cps   |
| Dysprosium | 156-1 | 42      | 42      | 25      | 36      | 26.65  | cps   |
| Dysprosium | 156-2 | 10      | 23      | 30      | 21      | 48.24  | cps   |
| Erbium     | 164-1 | 42      | 50      | 100     | 64      | 49.39  | cps   |
| Erbium     | 164-2 | 10      | 27      | 17      | 18      | 47.19  | cps   |
| Gadolinium | 160-1 | 117     | 75      | 125     | 106     | 25.38  | cps   |
| Gadolinium | 160-2 | 13      | 27      | 40      | 27      | 50.01  | cps   |
| Holmium    | 165-1 | 4830586 | 4733749 | 4718346 | 4760894 | 1.28   | cps   |
| Holmium    | 165-2 | 1583289 | 1571211 | 1572763 | 1575754 | 0.42   | cps   |
| Indium     | 115-1 | 5009057 | 4932572 | 4833961 | 4925196 | 1.78   | cps   |
| Indium     | 115-2 | 329274  | 326318  | 326407  | 327333  | 0.51   | cps   |
| Iron       | 56-2  | 19954   | 20082   | 19760   | 19932   | 0.81   | cps   |
| Iron       | 57-2  | 539     | 439     | 406     | 461     | 15.05  | cps   |
| Lead       | 206-1 | 1511    | 1439    | 1445    | 1465    | 2.74   | cps   |
| Lead       | 207-1 | 1222    | 1239    | 1356    | 1272    | 5.71   | cps   |
| Lead       | 208-1 | 5856    | 5695    | 5862    | 5804    | 1.63   | cps   |
| Lithium    | 6-1   | 940063  | 894907  | 877514  | 904161  | 3.57   | cps   |
| Magnesium  | 24-2  | 54305   | 55383   | 56053   | 55247   | 1.60   | cps   |
| Manganese  | 55-2  | 4564    | 4654    | 4544    | 4588    | 1.28   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-36             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-72-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:04:01  | DataFile Name :   | 134SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 325     | 350     | 367     | 347     | 6.04   | cps   |
| Molybdenum | 95-1  | 208     | 167     | 142     | 172     | 19.56  | cps   |
| Molybdenum | 96-1  | 225     | 183     | 242     | 217     | 13.87  | cps   |
| Molybdenum | 97-1  | 192     | 125     | 167     | 161     | 20.90  | cps   |
| Molybdenum | 98-1  | 275     | 408     | 242     | 308     | 28.60  | cps   |
| Neodymium  | 150-1 | 13      | 40      | 60      | 38      | 61.98  | cps   |
| Neodymium  | 150-2 | 27      | 0       | 3       | 10      | 145.32 | cps   |
| Nickel     | 60-2  | 790     | 683     | 737     | 737     | 7.24   | cps   |
| Phosphorus | 31-2  | 533     | 542     | 600     | 558     | 6.51   | cps   |
| Potassium  | 39-2  | 21442   | 21283   | 20582   | 21103   | 2.17   | cps   |
| Rhodium    | 103-1 | 4945608 | 4828867 | 4684575 | 4819683 | 2.71   | cps   |
| Rhodium    | 103-2 | 1729204 | 1707959 | 1733242 | 1723468 | 0.79   | cps   |
| Scandium   | 45-1  | 3696641 | 3587382 | 3577453 | 3620492 | 1.83   | cps   |
| Scandium   | 45-2  | 37393   | 37557   | 38065   | 37672   | 0.93   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 4       | 2       | 3       | 34.64  | cps   |
| Selenium   | 82-1  | 11      | 73      | 37      | 40      | 76.30  | cps   |
| Silicon    | 28-1  | 5309140 | 5280095 | 5181816 | 5257017 | 1.27   | cps   |
| Silver     | 109-1 | 208     | 158     | 158     | 175     | 16.50  | cps   |
| Silver     | 107-1 | 183     | 117     | 117     | 139     | 27.72  | cps   |
| Sodium     | 23-2  | 1218845 | 1231433 | 1216778 | 1222352 | 0.65   | cps   |
| Strontium  | 86-1  | 56209   | 54058   | 55815   | 55361   | 2.07   | cps   |
| Strontium  | 88-1  | 466711  | 463497  | 462054  | 464088  | 0.51   | cps   |
| Sulfur     | 34-1  | 603800  | 596658  | 600981  | 600480  | 0.60   | cps   |
| Terbium    | 159-1 | 5140615 | 5026141 | 5070933 | 5079230 | 1.14   | cps   |
| Terbium    | 159-2 | 1642750 | 1625474 | 1568949 | 1612391 | 2.39   | cps   |
| Thallium   | 203-1 | 75      | 133     | 108     | 106     | 27.72  | cps   |
| Thallium   | 205-1 | 267     | 267     | 300     | 278     | 6.93   | cps   |
| Tin        | 118-1 | 425     | 392     | 525     | 447     | 15.52  | cps   |
| Titanium   | 47-1  | 633     | 733     | 642     | 669     | 8.29   | cps   |
| Uranium    | 238-1 | 275     | 167     | 192     | 211     | 26.87  | cps   |
| Vanadium   | 51-2  | 83      | 77      | 83      | 81      | 4.75   | cps   |
| Yttrium    | 89-1  | 5728573 | 5561689 | 5600493 | 5630252 | 1.55   | cps   |
| Yttrium    | 89-2  | 246067  | 247662  | 247529  | 247086  | 0.36   | cps   |
| Zinc       | 66-2  | 12346   | 12119   | 11899   | 12121   | 1.84   | cps   |
| Zirconium  | 90-1  | 467     | 575     | 700     | 581     | 20.11  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-36             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-72-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:04:01  | DataFile Name :   | 134SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 125  | 167  | 139     | 17.32  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100857BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100857BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:07:11 | DataFile Name :   | 135SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Antimony   | 121-1 | 33      | 50      | 33      | 39      | 24.75  | cps   |
| Arsenic    | 75-2  | 2       | 0       | 2       | 1       | 86.60  | cps   |
| Barium     | 135-1 | 42      | 17      | 17      | 25      | 57.73  | cps   |
| Barium     | 137-1 | 17      | 17      | 33      | 22      | 43.28  | cps   |
| Beryllium  | 9-1   | 67      | 22      | 67      | 52      | 49.49  | cps   |
| Bismuth    | 209-1 | 2447778 | 2488824 | 2452112 | 2462905 | 0.92   | cps   |
| Bismuth    | 209-2 | 1096093 | 1089884 | 1084800 | 1090259 | 0.52   | cps   |
| Boron      | 10-1  | 433     | 358     | 475     | 422     | 14.00  | cps   |
| Boron      | 11-1  | 1900    | 1533    | 1692    | 1709    | 10.77  | cps   |
| Cadmium    | 111-1 | 959     | 1018    | 906     | 961     | 5.84   | cps   |
| Cadmium    | 106-1 | 1367    | 1450    | 1292    | 1370    | 5.78   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 4       | 7       | 34.59  | cps   |
| Calcium    | 43-1  | 6002    | 5843    | 5351    | 5732    | 5.92   | cps   |
| Calcium    | 44-1  | 86239   | 87271   | 86273   | 86595   | 0.68   | cps   |
| Chromium   | 52-2  | 983     | 1017    | 997     | 999     | 1.68   | cps   |
| Cobalt     | 59-2  | 67      | 100     | 83      | 83      | 20.00  | cps   |
| Copper     | 63-2  | 1480    | 1367    | 1333    | 1393    | 5.52   | cps   |
| Dysprosium | 156-1 | 17      | 33      | 0       | 17      | 100.00 | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 25      | 17      | 25      | 33.32  | cps   |
| Erbium     | 164-2 | 3       | 0       | 10      | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 58      | 58      | 17      | 44      | 54.12  | cps   |
| Gadolinium | 160-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Holmium    | 165-1 | 4440349 | 4410845 | 4524920 | 4458704 | 1.33   | cps   |
| Holmium    | 165-2 | 1479381 | 1487152 | 1464609 | 1477047 | 0.78   | cps   |
| Indium     | 115-1 | 4629422 | 4632300 | 4660268 | 4640664 | 0.37   | cps   |
| Indium     | 115-2 | 305659  | 303322  | 303762  | 304248  | 0.41   | cps   |
| Iron       | 56-2  | 3584    | 3495    | 3767    | 3615    | 3.84   | cps   |
| Iron       | 57-2  | 122     | 67      | 128     | 106     | 32.01  | cps   |
| Lead       | 206-1 | 222     | 256     | 328     | 269     | 20.09  | cps   |
| Lead       | 207-1 | 228     | 228     | 189     | 215     | 10.45  | cps   |
| Lead       | 208-1 | 933     | 1067    | 1033    | 1011    | 6.86   | cps   |
| Lithium    | 6-1   | 825760  | 833783  | 838918  | 832820  | 0.80   | cps   |
| Magnesium  | 24-2  | 92      | 75      | 92      | 86      | 11.18  | cps   |
| Manganese  | 55-2  | 67      | 70      | 53      | 63      | 13.93  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100857BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100857BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:07:11 | DataFile Name :   | 135SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 150     | 67      | 142     | 119     | 38.42  | cps   |
| Molybdenum | 95-1  | 50      | 25      | 17      | 31      | 56.77  | cps   |
| Molybdenum | 96-1  | 83      | 133     | 83      | 100     | 28.87  | cps   |
| Molybdenum | 97-1  | 58      | 42      | 67      | 56      | 22.91  | cps   |
| Molybdenum | 98-1  | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Neodymium  | 150-1 | 20      | 7       | 0       | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 90      | 177     | 117     | 128     | 34.74  | cps   |
| Phosphorus | 31-2  | 33      | 33      | 8       | 25      | 57.74  | cps   |
| Potassium  | 39-2  | 4326    | 4343    | 4918    | 4529    | 7.44   | cps   |
| Rhodium    | 103-1 | 4544514 | 4524077 | 4574370 | 4547654 | 0.56   | cps   |
| Rhodium    | 103-2 | 1591616 | 1604666 | 1591839 | 1596040 | 0.47   | cps   |
| Scandium   | 45-1  | 3390471 | 3396110 | 3448225 | 3411602 | 0.93   | cps   |
| Scandium   | 45-2  | 35161   | 35428   | 35442   | 35343   | 0.45   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 0       | 6       | 2       | 114.63 | cps   |
| Selenium   | 82-1  | 51      | -66     | 62      | 16      | 446.45 | cps   |
| Silicon    | 28-1  | 523305  | 524123  | 526212  | 524547  | 0.29   | cps   |
| Silver     | 109-1 | 58      | 42      | 50      | 50      | 16.67  | cps   |
| Silver     | 107-1 | 42      | 67      | 75      | 61      | 28.38  | cps   |
| Sodium     | 23-2  | 8328    | 8353    | 8028    | 8236    | 2.20   | cps   |
| Strontium  | 86-1  | 1333    | 1433    | 1558    | 1442    | 7.82   | cps   |
| Strontium  | 88-1  | 150     | 158     | 83      | 131     | 31.49  | cps   |
| Sulfur     | 34-1  | 546892  | 549991  | 542163  | 546349  | 0.72   | cps   |
| Terbium    | 159-1 | 4788027 | 4713856 | 4814810 | 4772231 | 1.10   | cps   |
| Terbium    | 159-2 | 1484804 | 1465874 | 1442475 | 1464384 | 1.45   | cps   |
| Thallium   | 203-1 | 175     | 133     | 125     | 144     | 18.54  | cps   |
| Thallium   | 205-1 | 300     | 342     | 308     | 317     | 6.96   | cps   |
| Tin        | 118-1 | 533     | 533     | 375     | 481     | 19.02  | cps   |
| Titanium   | 47-1  | 225     | 167     | 133     | 175     | 26.51  | cps   |
| Uranium    | 238-1 | 50      | 50      | 17      | 39      | 49.48  | cps   |
| Vanadium   | 51-2  | 7       | 13      | 20      | 13      | 49.99  | cps   |
| Yttrium    | 89-1  | 5273773 | 5347275 | 5320711 | 5313919 | 0.70   | cps   |
| Yttrium    | 89-2  | 230650  | 231991  | 231066  | 231235  | 0.30   | cps   |
| Zinc       | 66-2  | 47      | 23      | 67      | 46      | 47.61  | cps   |
| Zirconium  | 90-1  | 375     | 735     | 308     | 473     | 48.53  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100857BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100857BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:07:11 | DataFile Name :   | 135SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 33   | 133  | 67   | 78      | 65.47  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:10:23 | DataFile Name :   | 136SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 0       | 8       | 8       | 100.02 | cps   |
| Antimony   | 121-1 | 50      | 100     | 67      | 72      | 35.26  | cps   |
| Arsenic    | 75-2  | 0       | 6       | 4       | 3       | 91.69  | cps   |
| Barium     | 135-1 | 58      | 50      | 0       | 36      | 87.37  | cps   |
| Barium     | 137-1 | 75      | 33      | 58      | 56      | 37.75  | cps   |
| Beryllium  | 9-1   | 56      | 50      | 44      | 50      | 11.11  | cps   |
| Bismuth    | 209-1 | 2468225 | 2511099 | 2480895 | 2486740 | 0.89   | cps   |
| Bismuth    | 209-2 | 1049751 | 1088688 | 1086622 | 1075020 | 2.04   | cps   |
| Boron      | 10-1  | 467     | 417     | 400     | 428     | 8.11   | cps   |
| Boron      | 11-1  | 1909    | 1925    | 1767    | 1867    | 4.66   | cps   |
| Cadmium    | 111-1 | 1103    | 888     | 784     | 925     | 17.59  | cps   |
| Cadmium    | 106-1 | 1584    | 1258    | 1108    | 1317    | 18.44  | cps   |
| Cadmium    | 108-1 | 8       | 8       | 13      | 10      | 24.77  | cps   |
| Calcium    | 43-1  | 5593    | 5385    | 5343    | 5440    | 2.46   | cps   |
| Calcium    | 44-1  | 85795   | 87372   | 88563   | 87244   | 1.59   | cps   |
| Chromium   | 52-2  | 1027    | 917     | 1000    | 981     | 5.85   | cps   |
| Cobalt     | 59-2  | 80      | 57      | 107     | 81      | 30.84  | cps   |
| Copper     | 63-2  | 527     | 453     | 487     | 489     | 7.51   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 0       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 8       | 50      | 33      | 31      | 68.64  | cps   |
| Erbium     | 164-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 17      | 25      | 58      | 33      | 66.14  | cps   |
| Gadolinium | 160-2 | 10      | 7       | 13      | 10      | 33.30  | cps   |
| Holmium    | 165-1 | 4476671 | 4422714 | 4491135 | 4463507 | 0.81   | cps   |
| Holmium    | 165-2 | 1418511 | 1466467 | 1480461 | 1455147 | 2.23   | cps   |
| Indium     | 115-1 | 4595874 | 4591333 | 4615325 | 4600844 | 0.28   | cps   |
| Indium     | 115-2 | 292272  | 304565  | 308079  | 301638  | 2.75   | cps   |
| Iron       | 56-2  | 3478    | 3551    | 3228    | 3419    | 4.95   | cps   |
| Iron       | 57-2  | 122     | 94      | 61      | 93      | 33.05  | cps   |
| Lead       | 206-1 | 1925296 | 1931703 | 1933393 | 1930131 | 0.22   | cps   |
| Lead       | 207-1 | 1725948 | 1632869 | 1736279 | 1698365 | 3.35   | cps   |
| Lead       | 208-1 | 7783963 | 7616969 | 7803637 | 7734856 | 1.33   | cps   |
| Lithium    | 6-1   | 833715  | 834271  | 843499  | 837162  | 0.66   | cps   |
| Magnesium  | 24-2  | 67      | 67      | 67      | 67      | 0.00   | cps   |
| Manganese  | 55-2  | 50      | 57      | 43      | 50      | 13.34  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:10:23 | DataFile Name :   | 136SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 167     | 133     | 167     | 156     | 12.37   | cps   |
| Molybdenum | 95-1  | 8       | 0       | 8       | 6       | 86.60   | cps   |
| Molybdenum | 96-1  | 25      | 67      | 92      | 61      | 55.11   | cps   |
| Molybdenum | 97-1  | 67      | 58      | 75      | 67      | 12.49   | cps   |
| Molybdenum | 98-1  | 8       | 17      | 0       | 8       | 100.02  | cps   |
| Neodymium  | 150-1 | 20      | 20      | 7       | 16      | 49.47   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 80      | 77      | 97      | 84      | 12.69   | cps   |
| Phosphorus | 31-2  | 17      | 0       | 17      | 11      | 86.60   | cps   |
| Potassium  | 39-2  | 4909    | 4609    | 4568    | 4695    | 3.97    | cps   |
| Rhodium    | 103-1 | 4542262 | 4601732 | 4533601 | 4559198 | 0.81    | cps   |
| Rhodium    | 103-2 | 1527033 | 1632607 | 1636439 | 1598693 | 3.88    | cps   |
| Scandium   | 45-1  | 3402580 | 3416435 | 3418894 | 3412636 | 0.26    | cps   |
| Scandium   | 45-2  | 34118   | 35779   | 35735   | 35211   | 2.69    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 0       | 4       | 2       | 2       | 100.00  | cps   |
| Selenium   | 82-1  | 63      | -70     | -116    | -41     | -227.67 | cps   |
| Silicon    | 28-1  | 533440  | 535696  | 529640  | 532925  | 0.57    | cps   |
| Silver     | 109-1 | 42      | 8       | 58      | 36      | 70.51   | cps   |
| Silver     | 107-1 | 50      | 183     | 50      | 94      | 81.51   | cps   |
| Sodium     | 23-2  | 7711    | 8078    | 8536    | 8108    | 5.10    | cps   |
| Strontium  | 86-1  | 1500    | 1483    | 1500    | 1495    | 0.64    | cps   |
| Strontium  | 88-1  | 192     | 200     | 108     | 167     | 30.41   | cps   |
| Sulfur     | 34-1  | 546420  | 547268  | 540168  | 544619  | 0.71    | cps   |
| Terbium    | 159-1 | 4798022 | 4756174 | 4781233 | 4778476 | 0.44    | cps   |
| Terbium    | 159-2 | 1405851 | 1460320 | 1475807 | 1447326 | 2.54    | cps   |
| Thallium   | 203-1 | 133     | 167     | 133     | 144     | 13.33   | cps   |
| Thallium   | 205-1 | 333     | 267     | 283     | 294     | 11.78   | cps   |
| Tin        | 118-1 | 2017    | 2167    | 2317    | 2167    | 6.93    | cps   |
| Titanium   | 47-1  | 233     | 267     | 200     | 233     | 14.29   | cps   |
| Uranium    | 238-1 | 8       | 17      | 8       | 11      | 43.34   | cps   |
| Vanadium   | 51-2  | 17      | 13      | 13      | 14      | 13.35   | cps   |
| Yttrium    | 89-1  | 5272174 | 5308372 | 5324363 | 5301636 | 0.50    | cps   |
| Yttrium    | 89-2  | 221994  | 233684  | 232756  | 229478  | 2.83    | cps   |
| Zinc       | 66-2  | 60      | 70      | 80      | 70      | 14.29   | cps   |
| Zirconium  | 90-1  | 283     | 375     | 383     | 347     | 15.98   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:10:23 | DataFile Name :   | 136SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 8    | 92   | 64      | 75.31  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:13:34 | DataFile Name :   | 137SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 17      | 25      | 19      | 24.73  | cps   |
| Antimony   | 121-1 | 17      | 42      | 75      | 44      | 65.84  | cps   |
| Arsenic    | 75-2  | 2       | 2       | 0       | 1       | 86.60  | cps   |
| Barium     | 135-1 | 42      | 33      | 42      | 39      | 12.38  | cps   |
| Barium     | 137-1 | 25      | 33      | 25      | 28      | 17.31  | cps   |
| Beryllium  | 9-1   | 44      | 56      | 39      | 46      | 18.33  | cps   |
| Bismuth    | 209-1 | 2465789 | 2434235 | 2433333 | 2444453 | 0.76   | cps   |
| Bismuth    | 209-2 | 1082153 | 1066646 | 1067363 | 1072054 | 0.82   | cps   |
| Boron      | 10-1  | 375     | 292     | 425     | 364     | 18.51  | cps   |
| Boron      | 11-1  | 1408    | 1559    | 1400    | 1456    | 6.12   | cps   |
| Cadmium    | 111-1 | 961     | 966     | 955     | 961     | 0.61   | cps   |
| Cadmium    | 106-1 | 1375    | 1367    | 1367    | 1370    | 0.35   | cps   |
| Cadmium    | 108-1 | 8       | 4       | 21      | 11      | 78.05  | cps   |
| Calcium    | 43-1  | 6402    | 5852    | 5310    | 5854    | 9.33   | cps   |
| Calcium    | 44-1  | 85812   | 86157   | 86022   | 85997   | 0.20   | cps   |
| Chromium   | 52-2  | 1000    | 937     | 957     | 964     | 3.36   | cps   |
| Cobalt     | 59-2  | 70      | 90      | 57      | 72      | 23.23  | cps   |
| Copper     | 63-2  | 460     | 443     | 447     | 450     | 1.96   | cps   |
| Dysprosium | 156-1 | 33      | 17      | 8       | 19      | 65.48  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Erbium     | 164-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 8       | 50      | 50      | 36      | 66.62  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 10      | 8       | 24.71  | cps   |
| Holmium    | 165-1 | 4361588 | 4395974 | 4397910 | 4385157 | 0.47   | cps   |
| Holmium    | 165-2 | 1467555 | 1455764 | 1449135 | 1457485 | 0.64   | cps   |
| Indium     | 115-1 | 4551280 | 4641385 | 4633070 | 4608579 | 1.08   | cps   |
| Indium     | 115-2 | 305593  | 306213  | 303372  | 305059  | 0.49   | cps   |
| Iron       | 56-2  | 3489    | 3328    | 3139    | 3319    | 5.28   | cps   |
| Iron       | 57-2  | 100     | 106     | 167     | 124     | 29.81  | cps   |
| Lead       | 206-1 | 367     | 383     | 294     | 348     | 13.57  | cps   |
| Lead       | 207-1 | 367     | 361     | 294     | 341     | 11.79  | cps   |
| Lead       | 208-1 | 1533    | 1639    | 1406    | 1526    | 7.66   | cps   |
| Lithium    | 6-1   | 825037  | 833216  | 831604  | 829952  | 0.52   | cps   |
| Magnesium  | 24-2  | 83      | 67      | 83      | 78      | 12.37  | cps   |
| Manganese  | 55-2  | 63      | 43      | 73      | 60      | 25.46  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:13:34 | DataFile Name :   | 137SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 117     | 67      | 100     | 94      | 26.96   | cps   |
| Molybdenum | 95-1  | 17      | 8       | 0       | 8       | 100.02  | cps   |
| Molybdenum | 96-1  | 67      | 33      | 75      | 58      | 37.80   | cps   |
| Molybdenum | 97-1  | 33      | 50      | 67      | 50      | 33.34   | cps   |
| Molybdenum | 98-1  | 17      | 0       | 0       | 6       | 173.21  | cps   |
| Neodymium  | 150-1 | 13      | 7       | 7       | 9       | 43.25   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 70      | 73      | 97      | 80      | 18.17   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 33      | 14      | 124.91  | cps   |
| Potassium  | 39-2  | 4868    | 4559    | 4893    | 4773    | 3.89    | cps   |
| Rhodium    | 103-1 | 4466543 | 4538210 | 4549934 | 4518229 | 1.00    | cps   |
| Rhodium    | 103-2 | 1625652 | 1596142 | 1573816 | 1598537 | 1.63    | cps   |
| Scandium   | 45-1  | 3345911 | 3436184 | 3421930 | 3401342 | 1.43    | cps   |
| Scandium   | 45-2  | 36040   | 35649   | 35348   | 35679   | 0.97    | cps   |
| Selenium   | 77-2  | 7       | 3       | 7       | 6       | 34.70   | cps   |
| Selenium   | 78-2  | 0       | 6       | 0       | 2       | 173.21  | cps   |
| Selenium   | 82-1  | 45      | -62     | -42     | -20     | -291.29 | cps   |
| Silicon    | 28-1  | 522761  | 525174  | 523216  | 523717  | 0.24    | cps   |
| Silver     | 109-1 | 50      | 75      | 58      | 61      | 20.83   | cps   |
| Silver     | 107-1 | 100     | 25      | 92      | 72      | 56.92   | cps   |
| Sodium     | 23-2  | 8645    | 8003    | 7936    | 8194    | 4.78    | cps   |
| Strontium  | 86-1  | 1292    | 1475    | 1333    | 1367    | 7.03    | cps   |
| Strontium  | 88-1  | 183     | 142     | 117     | 147     | 22.88   | cps   |
| Sulfur     | 34-1  | 551214  | 547222  | 552502  | 550313  | 0.50    | cps   |
| Terbium    | 159-1 | 4785442 | 4804614 | 4715255 | 4768437 | 0.99    | cps   |
| Terbium    | 159-2 | 1462873 | 1445275 | 1435984 | 1448044 | 0.94    | cps   |
| Thallium   | 203-1 | 108     | 117     | 117     | 114     | 4.22    | cps   |
| Thallium   | 205-1 | 225     | 225     | 258     | 236     | 8.15    | cps   |
| Tin        | 118-1 | 458     | 483     | 483     | 475     | 3.04    | cps   |
| Titanium   | 47-1  | 183     | 242     | 275     | 233     | 19.89   | cps   |
| Uranium    | 238-1 | 33      | 33      | 17      | 28      | 34.63   | cps   |
| Vanadium   | 51-2  | 17      | 20      | 17      | 18      | 10.81   | cps   |
| Yttrium    | 89-1  | 5291334 | 5302942 | 5317601 | 5303959 | 0.25    | cps   |
| Yttrium    | 89-2  | 232834  | 229438  | 227556  | 229943  | 1.16    | cps   |
| Zinc       | 66-2  | 13      | 23      | 37      | 24      | 47.91   | cps   |
| Zirconium  | 90-1  | 283     | 308     | 350     | 314     | 10.73   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:13:34 | DataFile Name :   | 137SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 67   | 58   | 72      | 24.02  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100857BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100857BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:16:45 | DataFile Name :   | 138SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 0       | 0       | 6       | 173.21 | cps   |
| Antimony   | 121-1 | 58      | 33      | 58      | 50      | 28.88  | cps   |
| Arsenic    | 75-2  | 0       | 2       | 2       | 1       | 86.60  | cps   |
| Barium     | 135-1 | 50      | 25      | 58      | 44      | 39.04  | cps   |
| Barium     | 137-1 | 100     | 58      | 50      | 69      | 38.58  | cps   |
| Beryllium  | 9-1   | 39      | 61      | 50      | 50      | 22.22  | cps   |
| Bismuth    | 209-1 | 2387393 | 2433706 | 2426311 | 2415803 | 1.03   | cps   |
| Bismuth    | 209-2 | 1081654 | 1084852 | 1089271 | 1085259 | 0.35   | cps   |
| Boron      | 10-1  | 383     | 333     | 325     | 347     | 9.09   | cps   |
| Boron      | 11-1  | 1850    | 1609    | 1650    | 1703    | 7.59   | cps   |
| Cadmium    | 111-1 | 780     | 917     | 895     | 864     | 8.52   | cps   |
| Cadmium    | 106-1 | 1108    | 1300    | 1267    | 1225    | 8.36   | cps   |
| Cadmium    | 108-1 | 13      | 8       | 13      | 11      | 21.67  | cps   |
| Calcium    | 43-1  | 6277    | 5726    | 5760    | 5921    | 5.21   | cps   |
| Calcium    | 44-1  | 87976   | 86139   | 88093   | 87403   | 1.25   | cps   |
| Chromium   | 52-2  | 1027    | 1083    | 947     | 1019    | 6.74   | cps   |
| Cobalt     | 59-2  | 77      | 63      | 93      | 78      | 19.33  | cps   |
| Copper     | 63-2  | 503     | 527     | 507     | 512     | 2.46   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 42      | 33      | 31      | 41.65  | cps   |
| Erbium     | 164-2 | 13      | 7       | 3       | 8       | 65.47  | cps   |
| Gadolinium | 160-1 | 50      | 67      | 42      | 53      | 24.12  | cps   |
| Gadolinium | 160-2 | 10      | 10      | 7       | 9       | 21.63  | cps   |
| Holmium    | 165-1 | 4266846 | 4356208 | 4380649 | 4334568 | 1.38   | cps   |
| Holmium    | 165-2 | 1480744 | 1493292 | 1485024 | 1486353 | 0.43   | cps   |
| Indium     | 115-1 | 4398744 | 4623196 | 4606441 | 4542794 | 2.75   | cps   |
| Indium     | 115-2 | 308624  | 309432  | 308102  | 308720  | 0.22   | cps   |
| Iron       | 56-2  | 3817    | 3495    | 3589    | 3634    | 4.56   | cps   |
| Iron       | 57-2  | 128     | 83      | 61      | 91      | 37.41  | cps   |
| Lead       | 206-1 | 1910092 | 1895798 | 1926140 | 1910677 | 0.79   | cps   |
| Lead       | 207-1 | 1662008 | 1717587 | 1643691 | 1674428 | 2.30   | cps   |
| Lead       | 208-1 | 7651284 | 7702985 | 7579413 | 7644561 | 0.81   | cps   |
| Lithium    | 6-1   | 804893  | 826749  | 829476  | 820373  | 1.64   | cps   |
| Magnesium  | 24-2  | 92      | 108     | 100     | 100     | 8.33   | cps   |
| Manganese  | 55-2  | 87      | 67      | 67      | 73      | 15.75  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100857BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100857BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:16:45 | DataFile Name :   | 138SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 142     | 208     | 150     | 167     | 21.79  | cps   |
| Molybdenum | 95-1  | 58      | 17      | 17      | 31      | 78.72  | cps   |
| Molybdenum | 96-1  | 75      | 167     | 117     | 119     | 38.43  | cps   |
| Molybdenum | 97-1  | 83      | 92      | 58      | 78      | 22.30  | cps   |
| Molybdenum | 98-1  | 58      | 100     | 42      | 67      | 45.06  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 13      | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 90      | 113     | 87      | 97      | 15.03  | cps   |
| Phosphorus | 31-2  | 0       | 17      | 8       | 8       | 100.02 | cps   |
| Potassium  | 39-2  | 4884    | 4759    | 4809    | 4818    | 1.31   | cps   |
| Rhodium    | 103-1 | 4330281 | 4525592 | 4575317 | 4477063 | 2.89   | cps   |
| Rhodium    | 103-2 | 1609330 | 1644835 | 1596707 | 1616957 | 1.54   | cps   |
| Scandium   | 45-1  | 3271758 | 3364973 | 3390479 | 3342403 | 1.87   | cps   |
| Scandium   | 45-2  | 35876   | 35462   | 36250   | 35862   | 1.10   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 6       | 2       | 4       | 50.09  | cps   |
| Selenium   | 82-1  | -159    | -52     | -84     | -99     | -55.55 | cps   |
| Silicon    | 28-1  | 544403  | 524253  | 535767  | 534808  | 1.89   | cps   |
| Silver     | 109-1 | 33      | 67      | 58      | 53      | 32.88  | cps   |
| Silver     | 107-1 | 50      | 42      | 67      | 53      | 24.12  | cps   |
| Sodium     | 23-2  | 8536    | 7978    | 8578    | 8364    | 4.01   | cps   |
| Strontium  | 86-1  | 1333    | 1308    | 1475    | 1372    | 6.55   | cps   |
| Strontium  | 88-1  | 192     | 292     | 283     | 256     | 21.71  | cps   |
| Sulfur     | 34-1  | 548531  | 541791  | 550887  | 547070  | 0.86   | cps   |
| Terbium    | 159-1 | 4618196 | 4685383 | 4683011 | 4662197 | 0.82   | cps   |
| Terbium    | 159-2 | 1471309 | 1459691 | 1469888 | 1466963 | 0.43   | cps   |
| Thallium   | 203-1 | 158     | 92      | 83      | 111     | 37.00  | cps   |
| Thallium   | 205-1 | 325     | 350     | 375     | 350     | 7.14   | cps   |
| Tin        | 118-1 | 2475    | 2442    | 2300    | 2406    | 3.86   | cps   |
| Titanium   | 47-1  | 225     | 225     | 367     | 272     | 30.05  | cps   |
| Uranium    | 238-1 | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Vanadium   | 51-2  | 3       | 10      | 23      | 12      | 83.33  | cps   |
| Yttrium    | 89-1  | 5132899 | 5234524 | 5307789 | 5225071 | 1.68   | cps   |
| Yttrium    | 89-2  | 233821  | 236520  | 234864  | 235068  | 0.58   | cps   |
| Zinc       | 66-2  | 103     | 110     | 93      | 102     | 8.20   | cps   |
| Zirconium  | 90-1  | 425     | 392     | 383     | 400     | 5.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB100857BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB100857BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:16:45 | DataFile Name :   | 138SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 75   | 67   | 83   | 75      | 11.11  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-01 Instrumnet Name : P8  
 Client Sample ID : DC20894-73-FL3-CL11-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:19:57 DataFile Name : 139SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 158     | 142     | 158     | 153     | 6.30   | cps   |
| Antimony   | 121-1 | 633     | 667     | 583     | 628     | 6.68   | cps   |
| Arsenic    | 75-2  | 63      | 57      | 80      | 67      | 17.35  | cps   |
| Barium     | 135-1 | 32917   | 32717   | 32483   | 32706   | 0.66   | cps   |
| Barium     | 137-1 | 57233   | 56170   | 56095   | 56500   | 1.13   | cps   |
| Beryllium  | 9-1   | 44      | 61      | 44      | 50      | 19.24  | cps   |
| Bismuth    | 209-1 | 2711244 | 2674808 | 2704881 | 2696978 | 0.72   | cps   |
| Bismuth    | 209-2 | 1179711 | 1170492 | 1095119 | 1148441 | 4.04   | cps   |
| Boron      | 10-1  | 1142    | 1142    | 1083    | 1122    | 3.00   | cps   |
| Boron      | 11-1  | 4868    | 5360    | 5218    | 5148    | 4.92   | cps   |
| Cadmium    | 111-1 | 1040    | 937     | 1059    | 1012    | 6.50   | cps   |
| Cadmium    | 106-1 | 1458    | 1317    | 1475    | 1417    | 6.14   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 4       | 7       | 34.59  | cps   |
| Calcium    | 43-1  | 150338  | 149210  | 146786  | 148778  | 1.22   | cps   |
| Calcium    | 44-1  | 2580313 | 2555543 | 2545578 | 2560478 | 0.70   | cps   |
| Chromium   | 52-2  | 1083    | 1147    | 1017    | 1082    | 6.01   | cps   |
| Cobalt     | 59-2  | 107     | 93      | 73      | 91      | 18.42  | cps   |
| Copper     | 63-2  | 375991  | 376621  | 374078  | 375563  | 0.35   | cps   |
| Dysprosium | 156-1 | 58      | 25      | 33      | 39      | 44.62  | cps   |
| Dysprosium | 156-2 | 10      | 13      | 10      | 11      | 17.30  | cps   |
| Erbium     | 164-1 | 42      | 42      | 67      | 50      | 28.87  | cps   |
| Erbium     | 164-2 | 10      | 13      | 13      | 12      | 15.73  | cps   |
| Gadolinium | 160-1 | 133     | 108     | 83      | 108     | 23.08  | cps   |
| Gadolinium | 160-2 | 20      | 23      | 23      | 22      | 8.65   | cps   |
| Holmium    | 165-1 | 4903005 | 4717292 | 4793403 | 4804567 | 1.94   | cps   |
| Holmium    | 165-2 | 1640199 | 1669613 | 1538606 | 1616140 | 4.25   | cps   |
| Indium     | 115-1 | 5104765 | 4943168 | 5004346 | 5017426 | 1.63   | cps   |
| Indium     | 115-2 | 328513  | 331278  | 309647  | 323146  | 3.64   | cps   |
| Iron       | 56-2  | 19123   | 18474   | 18876   | 18824   | 1.74   | cps   |
| Iron       | 57-2  | 517     | 533     | 444     | 498     | 9.49   | cps   |
| Lead       | 206-1 | 1239    | 1150    | 1206    | 1198    | 3.75   | cps   |
| Lead       | 207-1 | 1050    | 1167    | 956     | 1057    | 10.00  | cps   |
| Lead       | 208-1 | 4523    | 4728    | 4467    | 4573    | 3.01   | cps   |
| Lithium    | 6-1   | 946305  | 934400  | 922477  | 934394  | 1.28   | cps   |
| Magnesium  | 24-2  | 55952   | 55033   | 55669   | 55551   | 0.85   | cps   |
| Manganese  | 55-2  | 3904    | 3941    | 4077    | 3974    | 2.30   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-01              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-73-FL3-CL11-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:19:57   | DataFile Name :   | 139SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 383     | 400     | 275     | 353     | 19.24   | cps   |
| Molybdenum | 95-1  | 158     | 200     | 217     | 192     | 15.68   | cps   |
| Molybdenum | 96-1  | 283     | 200     | 183     | 222     | 24.11   | cps   |
| Molybdenum | 97-1  | 117     | 242     | 183     | 181     | 34.64   | cps   |
| Molybdenum | 98-1  | 233     | 233     | 167     | 211     | 18.23   | cps   |
| Neodymium  | 150-1 | 27      | 53      | 27      | 36      | 43.30   | cps   |
| Neodymium  | 150-2 | 20      | 7       | 3       | 10      | 88.20   | cps   |
| Nickel     | 60-2  | 573     | 630     | 693     | 632     | 9.49    | cps   |
| Phosphorus | 31-2  | 442     | 542     | 758     | 581     | 27.88   | cps   |
| Potassium  | 39-2  | 20649   | 20808   | 21617   | 21025   | 2.47    | cps   |
| Rhodium    | 103-1 | 5041585 | 4883780 | 4899608 | 4941658 | 1.76    | cps   |
| Rhodium    | 103-2 | 1728944 | 1757451 | 1657392 | 1714596 | 3.01    | cps   |
| Scandium   | 45-1  | 3763901 | 3748917 | 3687941 | 3733586 | 1.08    | cps   |
| Scandium   | 45-2  | 38265   | 39155   | 35829   | 37750   | 4.56    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 2       | 7       | 6       | 5       | 57.32   | cps   |
| Selenium   | 82-1  | -39     | 55      | -111    | -32     | -260.55 | cps   |
| Silicon    | 28-1  | 5288444 | 5240427 | 5264692 | 5264521 | 0.46    | cps   |
| Silver     | 109-1 | 167     | 117     | 192     | 158     | 24.12   | cps   |
| Silver     | 107-1 | 100     | 175     | 200     | 158     | 32.87   | cps   |
| Sodium     | 23-2  | 1253506 | 1233217 | 1234692 | 1240472 | 0.91    | cps   |
| Strontium  | 86-1  | 55966   | 55238   | 55070   | 55424   | 0.86    | cps   |
| Strontium  | 88-1  | 474236  | 467128  | 466948  | 469437  | 0.89    | cps   |
| Sulfur     | 34-1  | 609087  | 602930  | 604752  | 605589  | 0.52    | cps   |
| Terbium    | 159-1 | 5225005 | 5079562 | 5143436 | 5149334 | 1.42    | cps   |
| Terbium    | 159-2 | 1591290 | 1613701 | 1541526 | 1582172 | 2.33    | cps   |
| Thallium   | 203-1 | 183     | 117     | 108     | 136     | 30.20   | cps   |
| Thallium   | 205-1 | 325     | 225     | 267     | 272     | 18.45   | cps   |
| Tin        | 118-1 | 367     | 467     | 408     | 414     | 12.14   | cps   |
| Titanium   | 47-1  | 675     | 642     | 800     | 706     | 11.83   | cps   |
| Uranium    | 238-1 | 117     | 192     | 142     | 150     | 25.46   | cps   |
| Vanadium   | 51-2  | 80      | 63      | 47      | 63      | 26.31   | cps   |
| Yttrium    | 89-1  | 5832281 | 5759747 | 5787061 | 5793030 | 0.63    | cps   |
| Yttrium    | 89-2  | 250704  | 249613  | 235503  | 245273  | 3.46    | cps   |
| Zinc       | 66-2  | 12459   | 12906   | 12843   | 12736   | 1.90    | cps   |
| Zirconium  | 90-1  | 783     | 750     | 708     | 747     | 5.03    | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-01              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-73-FL3-CL11-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:19:57   | DataFile Name :   | 139SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 183  | 158  | 161     | 13.02  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-02              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-74-FL3-CL11-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:23:06   | DataFile Name :   | 140SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 117     | 718     | 167     | 334     | 99.96  | cps   |
| Antimony   | 121-1 | 542     | 575     | 567     | 561     | 3.09   | cps   |
| Arsenic    | 75-2  | 37      | 37      | 56      | 43      | 24.74  | cps   |
| Barium     | 135-1 | 33953   | 33643   | 33084   | 33560   | 1.31   | cps   |
| Barium     | 137-1 | 58388   | 57225   | 57293   | 57635   | 1.13   | cps   |
| Beryllium  | 9-1   | 33      | 61      | 50      | 48      | 29.04  | cps   |
| Bismuth    | 209-1 | 2705748 | 2673891 | 2551792 | 2643811 | 3.07   | cps   |
| Bismuth    | 209-2 | 1182681 | 1172555 | 1160074 | 1171770 | 0.97   | cps   |
| Boron      | 10-1  | 1133    | 1183    | 1267    | 1195    | 5.64   | cps   |
| Boron      | 11-1  | 5393    | 5268    | 4801    | 5154    | 6.05   | cps   |
| Cadmium    | 111-1 | 846     | 1013    | 905     | 921     | 9.18   | cps   |
| Cadmium    | 106-1 | 1175    | 1433    | 1267    | 1292    | 10.14  | cps   |
| Cadmium    | 108-1 | 8       | 17      | 4       | 10      | 65.47  | cps   |
| Calcium    | 43-1  | 150323  | 148504  | 147585  | 148804  | 0.94   | cps   |
| Calcium    | 44-1  | 2592213 | 2566162 | 2513373 | 2557249 | 1.57   | cps   |
| Chromium   | 52-2  | 1187    | 1113    | 1120    | 1140    | 3.56   | cps   |
| Cobalt     | 59-2  | 90      | 110     | 137     | 112     | 20.86  | cps   |
| Copper     | 63-2  | 363229  | 361635  | 357122  | 360662  | 0.88   | cps   |
| Dysprosium | 156-1 | 58      | 125     | 192     | 125     | 53.36  | cps   |
| Dysprosium | 156-2 | 13      | 13      | 23      | 17      | 34.65  | cps   |
| Erbium     | 164-1 | 58      | 42      | 50      | 50      | 16.67  | cps   |
| Erbium     | 164-2 | 20      | 17      | 13      | 17      | 20.01  | cps   |
| Gadolinium | 160-1 | 75      | 92      | 75      | 81      | 11.95  | cps   |
| Gadolinium | 160-2 | 20      | 30      | 37      | 29      | 29.04  | cps   |
| Holmium    | 165-1 | 4851392 | 4772439 | 4627149 | 4750326 | 2.39   | cps   |
| Holmium    | 165-2 | 1702924 | 1661192 | 1578859 | 1647658 | 3.83   | cps   |
| Indium     | 115-1 | 5087982 | 5003094 | 4786494 | 4959190 | 3.13   | cps   |
| Indium     | 115-2 | 329011  | 324994  | 325551  | 326519  | 0.67   | cps   |
| Iron       | 56-2  | 21302   | 20588   | 19928   | 20606   | 3.34   | cps   |
| Iron       | 57-2  | 506     | 539     | 533     | 526     | 3.40   | cps   |
| Lead       | 206-1 | 1634    | 1628    | 1772    | 1678    | 4.88   | cps   |
| Lead       | 207-1 | 1517    | 1439    | 1478    | 1478    | 2.63   | cps   |
| Lead       | 208-1 | 6706    | 6484    | 6856    | 6682    | 2.80   | cps   |
| Lithium    | 6-1   | 932296  | 907929  | 883486  | 907903  | 2.69   | cps   |
| Magnesium  | 24-2  | 56195   | 56672   | 54898   | 55922   | 1.64   | cps   |
| Manganese  | 55-2  | 5168    | 4984    | 4914    | 5022    | 2.61   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-02              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-74-FL3-CL11-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:23:06   | DataFile Name :   | 140SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD   | Units |
|------------|-------|---------|---------|---------|---------|----------|-------|
| Molybdenum | 94-1  | 283     | 358     | 417     | 353     | 18.95    | cps   |
| Molybdenum | 95-1  | 175     | 133     | 117     | 142     | 21.21    | cps   |
| Molybdenum | 96-1  | 250     | 208     | 175     | 211     | 17.80    | cps   |
| Molybdenum | 97-1  | 142     | 208     | 125     | 158     | 27.85    | cps   |
| Molybdenum | 98-1  | 358     | 275     | 375     | 336     | 15.94    | cps   |
| Neodymium  | 150-1 | 47      | 27      | 20      | 31      | 44.61    | cps   |
| Neodymium  | 150-2 | 10      | 17      | 7       | 11      | 45.82    | cps   |
| Nickel     | 60-2  | 1343    | 1433    | 1363    | 1380    | 3.42     | cps   |
| Phosphorus | 31-2  | 583     | 467     | 583     | 544     | 12.37    | cps   |
| Potassium  | 39-2  | 21250   | 20766   | 20883   | 20966   | 1.20     | cps   |
| Rhodium    | 103-1 | 4963046 | 4925781 | 4694510 | 4861112 | 2.99     | cps   |
| Rhodium    | 103-2 | 1739627 | 1724115 | 1712911 | 1725551 | 0.78     | cps   |
| Scandium   | 45-1  | 3744601 | 3708250 | 3495142 | 3649331 | 3.69     | cps   |
| Scandium   | 45-2  | 38209   | 38058   | 38209   | 38158   | 0.23     | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60    | cps   |
| Selenium   | 78-2  | 2       | 6       | 4       | 4       | 50.09    | cps   |
| Selenium   | 82-1  | -63     | -3      | 63      | -1      | -7573.97 | cps   |
| Silicon    | 28-1  | 5238485 | 5318669 | 5280960 | 5279371 | 0.76     | cps   |
| Silver     | 109-1 | 150     | 100     | 208     | 153     | 35.49    | cps   |
| Silver     | 107-1 | 117     | 267     | 200     | 194     | 38.65    | cps   |
| Sodium     | 23-2  | 1240872 | 1225745 | 1237774 | 1234797 | 0.65     | cps   |
| Strontium  | 86-1  | 55472   | 54878   | 54393   | 54914   | 0.98     | cps   |
| Strontium  | 88-1  | 473507  | 464048  | 462224  | 466593  | 1.30     | cps   |
| Sulfur     | 34-1  | 595155  | 598112  | 598649  | 597305  | 0.31     | cps   |
| Terbium    | 159-1 | 5225072 | 5100200 | 4953605 | 5092959 | 2.67     | cps   |
| Terbium    | 159-2 | 1673709 | 1641396 | 1623620 | 1646242 | 1.54     | cps   |
| Thallium   | 203-1 | 108     | 125     | 150     | 128     | 16.41    | cps   |
| Thallium   | 205-1 | 317     | 300     | 233     | 283     | 15.56    | cps   |
| Tin        | 118-1 | 408     | 400     | 458     | 422     | 7.47     | cps   |
| Titanium   | 47-1  | 600     | 808     | 808     | 739     | 16.28    | cps   |
| Uranium    | 238-1 | 200     | 217     | 192     | 203     | 6.28     | cps   |
| Vanadium   | 51-2  | 70      | 77      | 57      | 68      | 15.02    | cps   |
| Yttrium    | 89-1  | 5781543 | 5780773 | 5469313 | 5677210 | 3.17     | cps   |
| Yttrium    | 89-2  | 250558  | 247087  | 245687  | 247778  | 1.01     | cps   |
| Zinc       | 66-2  | 10681   | 10641   | 10050   | 10457   | 3.38     | cps   |
| Zirconium  | 90-1  | 667     | 633     | 1025    | 775     | 28.04    | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-02              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-74-FL3-CL11-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:23:06   | DataFile Name :   | 140SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 158  | 133  | 172     | 27.51  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-03 Instrumnet Name : P8  
 Client Sample ID : DC20894-75-FL3-CL10-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:26:15 DataFile Name : 141SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 150     | 150     | 233     | 178     | 27.06  | cps   |
| Antimony   | 121-1 | 567     | 658     | 658     | 628     | 8.43   | cps   |
| Arsenic    | 75-2  | 39      | 44      | 48      | 44      | 10.63  | cps   |
| Barium     | 135-1 | 33970   | 33209   | 33126   | 33435   | 1.39   | cps   |
| Barium     | 137-1 | 57971   | 57685   | 58003   | 57886   | 0.30   | cps   |
| Beryllium  | 9-1   | 22      | 28      | 50      | 33      | 44.10  | cps   |
| Bismuth    | 209-1 | 2687677 | 2688992 | 2676137 | 2684268 | 0.26   | cps   |
| Bismuth    | 209-2 | 1171200 | 1170334 | 1174065 | 1171866 | 0.17   | cps   |
| Boron      | 10-1  | 1067    | 1175    | 1125    | 1122    | 4.83   | cps   |
| Boron      | 11-1  | 5318    | 5501    | 5493    | 5437    | 1.91   | cps   |
| Cadmium    | 111-1 | 989     | 971     | 911     | 957     | 4.27   | cps   |
| Cadmium    | 106-1 | 1417    | 1342    | 1317    | 1358    | 3.83   | cps   |
| Cadmium    | 108-1 | 4       | 8       | 33      | 15      | 103.25 | cps   |
| Calcium    | 43-1  | 152480  | 149975  | 148267  | 150241  | 1.41   | cps   |
| Calcium    | 44-1  | 2593240 | 2550340 | 2540943 | 2561508 | 1.09   | cps   |
| Chromium   | 52-2  | 1117    | 1040    | 950     | 1036    | 8.06   | cps   |
| Cobalt     | 59-2  | 83      | 90      | 97      | 90      | 7.41   | cps   |
| Copper     | 63-2  | 376724  | 373134  | 371807  | 373888  | 0.68   | cps   |
| Dysprosium | 156-1 | 33      | 75      | 67      | 58      | 37.80  | cps   |
| Dysprosium | 156-2 | 10      | 10      | 20      | 13      | 43.30  | cps   |
| Erbium     | 164-1 | 50      | 58      | 67      | 58      | 14.29  | cps   |
| Erbium     | 164-2 | 7       | 20      | 10      | 12      | 56.76  | cps   |
| Gadolinium | 160-1 | 150     | 183     | 125     | 153     | 19.16  | cps   |
| Gadolinium | 160-2 | 43      | 30      | 10      | 28      | 60.40  | cps   |
| Holmium    | 165-1 | 4805318 | 4816927 | 4848878 | 4823708 | 0.47   | cps   |
| Holmium    | 165-2 | 1676760 | 1635594 | 1627506 | 1646620 | 1.60   | cps   |
| Indium     | 115-1 | 4875022 | 4972194 | 4996749 | 4947988 | 1.30   | cps   |
| Indium     | 115-2 | 327722  | 329133  | 329508  | 328788  | 0.29   | cps   |
| Iron       | 56-2  | 20497   | 18930   | 19099   | 19509   | 4.41   | cps   |
| Iron       | 57-2  | 556     | 600     | 450     | 535     | 14.40  | cps   |
| Lead       | 206-1 | 1572    | 1667    | 1556    | 1598    | 3.75   | cps   |
| Lead       | 207-1 | 1250    | 1378    | 1278    | 1302    | 5.16   | cps   |
| Lead       | 208-1 | 6134    | 6117    | 6056    | 6103    | 0.67   | cps   |
| Lithium    | 6-1   | 912072  | 907525  | 934566  | 918054  | 1.58   | cps   |
| Magnesium  | 24-2  | 54781   | 56119   | 56003   | 55634   | 1.33   | cps   |
| Manganese  | 55-2  | 4171    | 4424    | 4718    | 4437    | 6.17   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-03              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-75-FL3-CL10-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:26:15   | DataFile Name :   | 141SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 350     | 292     | 375     | 339     | 12.62  | cps   |
| Molybdenum | 95-1  | 142     | 200     | 208     | 183     | 19.82  | cps   |
| Molybdenum | 96-1  | 267     | 300     | 217     | 261     | 16.06  | cps   |
| Molybdenum | 97-1  | 125     | 117     | 75      | 106     | 25.38  | cps   |
| Molybdenum | 98-1  | 292     | 217     | 225     | 244     | 16.82  | cps   |
| Neodymium  | 150-1 | 53      | 27      | 53      | 44      | 34.64  | cps   |
| Neodymium  | 150-2 | 10      | 0       | 7       | 6       | 91.64  | cps   |
| Nickel     | 60-2  | 903     | 830     | 890     | 874     | 4.47   | cps   |
| Phosphorus | 31-2  | 392     | 608     | 592     | 531     | 22.73  | cps   |
| Potassium  | 39-2  | 20432   | 20908   | 20583   | 20641   | 1.18   | cps   |
| Rhodium    | 103-1 | 4875067 | 4855029 | 4939883 | 4889993 | 0.91   | cps   |
| Rhodium    | 103-2 | 1745364 | 1761074 | 1726137 | 1744192 | 1.00   | cps   |
| Scandium   | 45-1  | 3679300 | 3646095 | 3657381 | 3660925 | 0.46   | cps   |
| Scandium   | 45-2  | 38680   | 37911   | 37945   | 38179   | 1.14   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 6       | 6       | 0       | 4       | 86.60  | cps   |
| Selenium   | 82-1  | -91     | -171    | -19     | -94     | -80.89 | cps   |
| Silicon    | 28-1  | 5335288 | 5306721 | 5379633 | 5340547 | 0.69   | cps   |
| Silver     | 109-1 | 233     | 217     | 142     | 197     | 24.76  | cps   |
| Silver     | 107-1 | 300     | 150     | 158     | 203     | 41.57  | cps   |
| Sodium     | 23-2  | 1232529 | 1244897 | 1225077 | 1234168 | 0.81   | cps   |
| Strontium  | 86-1  | 57163   | 55456   | 56275   | 56298   | 1.52   | cps   |
| Strontium  | 88-1  | 480165  | 473587  | 465295  | 473015  | 1.58   | cps   |
| Sulfur     | 34-1  | 598236  | 584761  | 589886  | 590961  | 1.15   | cps   |
| Terbium    | 159-1 | 5158948 | 5173722 | 5232638 | 5188436 | 0.75   | cps   |
| Terbium    | 159-2 | 1648344 | 1664724 | 1651301 | 1654790 | 0.53   | cps   |
| Thallium   | 203-1 | 133     | 142     | 142     | 139     | 3.46   | cps   |
| Thallium   | 205-1 | 292     | 300     | 383     | 325     | 15.60  | cps   |
| Tin        | 118-1 | 333     | 533     | 300     | 389     | 32.45  | cps   |
| Titanium   | 47-1  | 800     | 775     | 625     | 733     | 12.91  | cps   |
| Uranium    | 238-1 | 225     | 217     | 208     | 217     | 3.85   | cps   |
| Vanadium   | 51-2  | 103     | 37      | 53      | 64      | 53.84  | cps   |
| Yttrium    | 89-1  | 5701427 | 5630650 | 5740873 | 5690983 | 0.98   | cps   |
| Yttrium    | 89-2  | 247943  | 250405  | 248355  | 248901  | 0.53   | cps   |
| Zinc       | 66-2  | 11091   | 11261   | 10694   | 11016   | 2.64   | cps   |
| Zirconium  | 90-1  | 725     | 658     | 617     | 667     | 8.20   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-03              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-75-FL3-CL10-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:26:15   | DataFile Name :   | 141SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 142  | 83   | 150     | 47.47  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-04              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-76-FL3-CL10-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:29:23   | DataFile Name :   | 142SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 133     | 100     | 125     | 119     | 14.53  | cps   |
| Antimony   | 121-1 | 492     | 467     | 392     | 450     | 11.57  | cps   |
| Arsenic    | 75-2  | 56      | 43      | 61      | 53      | 17.90  | cps   |
| Barium     | 135-1 | 33660   | 32834   | 32850   | 33114   | 1.43   | cps   |
| Barium     | 137-1 | 57099   | 56874   | 55409   | 56461   | 1.63   | cps   |
| Beryllium  | 9-1   | 28      | 56      | 72      | 52      | 43.30  | cps   |
| Bismuth    | 209-1 | 2743718 | 2708600 | 2564516 | 2672278 | 3.55   | cps   |
| Bismuth    | 209-2 | 1179000 | 1180648 | 1183558 | 1181069 | 0.20   | cps   |
| Boron      | 10-1  | 1208    | 1175    | 1092    | 1158    | 5.19   | cps   |
| Boron      | 11-1  | 5218    | 5201    | 5335    | 5251    | 1.38   | cps   |
| Cadmium    | 111-1 | 1072    | 893     | 865     | 943     | 11.91  | cps   |
| Cadmium    | 106-1 | 1525    | 1250    | 1208    | 1328    | 12.96  | cps   |
| Cadmium    | 108-1 | 29      | 4       | 8       | 14      | 96.44  | cps   |
| Calcium    | 43-1  | 152387  | 150026  | 148025  | 150146  | 1.45   | cps   |
| Calcium    | 44-1  | 2598317 | 2519077 | 2542717 | 2553370 | 1.59   | cps   |
| Chromium   | 52-2  | 1057    | 1143    | 1100    | 1100    | 3.94   | cps   |
| Cobalt     | 59-2  | 107     | 130     | 100     | 112     | 14.04  | cps   |
| Copper     | 63-2  | 377431  | 376380  | 377973  | 377261  | 0.21   | cps   |
| Dysprosium | 156-1 | 58      | 42      | 25      | 42      | 40.00  | cps   |
| Dysprosium | 156-2 | 40      | 10      | 20      | 23      | 65.47  | cps   |
| Erbium     | 164-1 | 58      | 703     | 25      | 262     | 145.79 | cps   |
| Erbium     | 164-2 | 3       | 20      | 27      | 17      | 72.13  | cps   |
| Gadolinium | 160-1 | 75      | 100     | 125     | 100     | 25.00  | cps   |
| Gadolinium | 160-2 | 47      | 10      | 17      | 24      | 79.90  | cps   |
| Holmium    | 165-1 | 4835139 | 4944039 | 4608959 | 4796046 | 3.56   | cps   |
| Holmium    | 165-2 | 1648715 | 1671921 | 1643081 | 1654572 | 0.92   | cps   |
| Indium     | 115-1 | 5041083 | 5063982 | 4783100 | 4962722 | 3.14   | cps   |
| Indium     | 115-2 | 329812  | 327234  | 331555  | 329534  | 0.66   | cps   |
| Iron       | 56-2  | 19493   | 21103   | 26338   | 22311   | 16.04  | cps   |
| Iron       | 57-2  | 428     | 572     | 472     | 491     | 15.08  | cps   |
| Lead       | 206-1 | 1172    | 1050    | 1133    | 1119    | 5.58   | cps   |
| Lead       | 207-1 | 1067    | 983     | 961     | 1004    | 5.55   | cps   |
| Lead       | 208-1 | 4723    | 4667    | 4456    | 4615    | 3.05   | cps   |
| Lithium    | 6-1   | 930738  | 930823  | 886308  | 915957  | 2.80   | cps   |
| Magnesium  | 24-2  | 55518   | 54982   | 54079   | 54860   | 1.33   | cps   |
| Manganese  | 55-2  | 4447    | 4487    | 4427    | 4454    | 0.69   | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-04 Instrumnet Name : P8  
 Client Sample ID : DC20894-76-FL3-CL10-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:29:23 DataFile Name : 142SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 868     | 333     | 333     | 512     | 60.34  | cps   |
| Molybdenum | 95-1  | 217     | 217     | 133     | 189     | 25.47  | cps   |
| Molybdenum | 96-1  | 242     | 142     | 242     | 208     | 27.71  | cps   |
| Molybdenum | 97-1  | 225     | 192     | 108     | 175     | 34.34  | cps   |
| Molybdenum | 98-1  | 233     | 233     | 292     | 253     | 13.32  | cps   |
| Neodymium  | 150-1 | 33      | 47      | 47      | 42      | 18.24  | cps   |
| Neodymium  | 150-2 | 3       | 17      | 17      | 12      | 63.01  | cps   |
| Nickel     | 60-2  | 643     | 477     | 517     | 546     | 15.95  | cps   |
| Phosphorus | 31-2  | 375     | 442     | 483     | 433     | 12.61  | cps   |
| Potassium  | 39-2  | 20708   | 20407   | 20607   | 20574   | 0.74   | cps   |
| Rhodium    | 103-1 | 4995890 | 4976432 | 4699456 | 4890593 | 3.39   | cps   |
| Rhodium    | 103-2 | 1741352 | 1752983 | 1740917 | 1745084 | 0.39   | cps   |
| Scandium   | 45-1  | 3740548 | 3710785 | 3536030 | 3662454 | 3.02   | cps   |
| Scandium   | 45-2  | 38315   | 37935   | 38025   | 38092   | 0.52   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 11      | 4       | 6       | 69.34  | cps   |
| Selenium   | 82-1  | -46     | -96     | -18     | -53     | -74.53 | cps   |
| Silicon    | 28-1  | 5451401 | 5240396 | 5294518 | 5328772 | 2.06   | cps   |
| Silver     | 109-1 | 175     | 108     | 133     | 139     | 24.25  | cps   |
| Silver     | 107-1 | 158     | 117     | 175     | 150     | 20.03  | cps   |
| Sodium     | 23-2  | 1239900 | 1236194 | 1236152 | 1237416 | 0.17   | cps   |
| Strontium  | 86-1  | 56233   | 55388   | 56434   | 56018   | 0.99   | cps   |
| Strontium  | 88-1  | 475333  | 468841  | 464983  | 469719  | 1.11   | cps   |
| Sulfur     | 34-1  | 587854  | 595450  | 592252  | 591852  | 0.64   | cps   |
| Terbium    | 159-1 | 5216062 | 5241267 | 4968289 | 5141873 | 2.93   | cps   |
| Terbium    | 159-2 | 1682619 | 1676541 | 1663560 | 1674240 | 0.58   | cps   |
| Thallium   | 203-1 | 200     | 133     | 108     | 147     | 32.19  | cps   |
| Thallium   | 205-1 | 283     | 300     | 283     | 289     | 3.33   | cps   |
| Tin        | 118-1 | 433     | 475     | 475     | 461     | 5.22   | cps   |
| Titanium   | 47-1  | 1940    | 742     | 758     | 1147    | 59.92  | cps   |
| Uranium    | 238-1 | 242     | 150     | 200     | 197     | 23.27  | cps   |
| Vanadium   | 51-2  | 63      | 97      | 70      | 77      | 23.01  | cps   |
| Yttrium    | 89-1  | 5782954 | 5792826 | 5454121 | 5676634 | 3.40   | cps   |
| Yttrium    | 89-2  | 249510  | 252424  | 249501  | 250479  | 0.67   | cps   |
| Zinc       | 66-2  | 10861   | 10574   | 10698   | 10711   | 1.34   | cps   |
| Zirconium  | 90-1  | 633     | 650     | 767     | 683     | 10.64  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB88963               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-04              | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-76-FL3-CL10-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:29:23   | DataFile Name :   | 142SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 117  | 117  | 142     | 30.57  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-05 Instrumnet Name : P8  
 Client Sample ID : DC20894-77-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:32:32 DataFile Name : 143SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 342     | 358     | 250     | 317     | 18.42  | cps   |
| Antimony   | 121-1 | 375     | 433     | 550     | 453     | 19.68  | cps   |
| Arsenic    | 75-2  | 43      | 37      | 44      | 41      | 9.31   | cps   |
| Barium     | 135-1 | 33418   | 32441   | 32483   | 32781   | 1.69   | cps   |
| Barium     | 137-1 | 58322   | 56028   | 58254   | 57535   | 2.27   | cps   |
| Beryllium  | 9-1   | 56      | 17      | 56      | 43      | 52.71  | cps   |
| Bismuth    | 209-1 | 2772515 | 2552169 | 2729157 | 2684614 | 4.35   | cps   |
| Bismuth    | 209-2 | 1192926 | 1194073 | 1186357 | 1191119 | 0.35   | cps   |
| Boron      | 10-1  | 1100    | 1217    | 1167    | 1161    | 5.04   | cps   |
| Boron      | 11-1  | 5610    | 5551    | 5360    | 5507    | 2.38   | cps   |
| Cadmium    | 111-1 | 929     | 868     | 999     | 932     | 7.02   | cps   |
| Cadmium    | 106-1 | 1308    | 1217    | 1392    | 1306    | 6.71   | cps   |
| Cadmium    | 108-1 | 17      | 13      | 13      | 14      | 17.33  | cps   |
| Calcium    | 43-1  | 153338  | 153741  | 150535  | 152538  | 1.14   | cps   |
| Calcium    | 44-1  | 2621286 | 2622067 | 2583776 | 2609043 | 0.84   | cps   |
| Chromium   | 52-2  | 1070    | 1107    | 1110    | 1096    | 2.03   | cps   |
| Cobalt     | 59-2  | 217     | 190     | 183     | 197     | 8.97   | cps   |
| Copper     | 63-2  | 315871  | 315771  | 315669  | 315770  | 0.03   | cps   |
| Dysprosium | 156-1 | 83      | 75      | 83      | 81      | 5.98   | cps   |
| Dysprosium | 156-2 | 3       | 30      | 20      | 18      | 75.79  | cps   |
| Erbium     | 164-1 | 58      | 58      | 75      | 64      | 15.05  | cps   |
| Erbium     | 164-2 | 10      | 27      | 20      | 19      | 44.42  | cps   |
| Gadolinium | 160-1 | 92      | 108     | 67      | 89      | 23.59  | cps   |
| Gadolinium | 160-2 | 33      | 17      | 33      | 28      | 34.63  | cps   |
| Holmium    | 165-1 | 4960428 | 4646256 | 4907671 | 4838118 | 3.48   | cps   |
| Holmium    | 165-2 | 1691531 | 1611241 | 1682488 | 1661753 | 2.65   | cps   |
| Indium     | 115-1 | 5192486 | 4758276 | 5051602 | 5000788 | 4.43   | cps   |
| Indium     | 115-2 | 333308  | 332290  | 332990  | 332863  | 0.16   | cps   |
| Iron       | 56-2  | 27489   | 27384   | 28498   | 27790   | 2.21   | cps   |
| Iron       | 57-2  | 700     | 806     | 639     | 715     | 11.80  | cps   |
| Lead       | 206-1 | 3139    | 2867    | 3112    | 3039    | 4.93   | cps   |
| Lead       | 207-1 | 2328    | 2428    | 2561    | 2439    | 4.80   | cps   |
| Lead       | 208-1 | 11508   | 11136   | 11675   | 11439   | 2.41   | cps   |
| Lithium    | 6-1   | 944722  | 898000  | 944592  | 929105  | 2.90   | cps   |
| Magnesium  | 24-2  | 56881   | 56772   | 55970   | 56541   | 0.88   | cps   |
| Manganese  | 55-2  | 7489    | 7209    | 7362    | 7353    | 1.91   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-77-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:32:32  | DataFile Name :   | 143SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 317     | 442     | 375     | 378     | 16.56   | cps   |
| Molybdenum | 95-1  | 175     | 108     | 117     | 133     | 27.24   | cps   |
| Molybdenum | 96-1  | 217     | 275     | 242     | 244     | 11.97   | cps   |
| Molybdenum | 97-1  | 75      | 75      | 108     | 86      | 22.35   | cps   |
| Molybdenum | 98-1  | 233     | 267     | 258     | 253     | 6.86    | cps   |
| Neodymium  | 150-1 | 33      | 40      | 113     | 62      | 71.35   | cps   |
| Neodymium  | 150-2 | 20      | 13      | 13      | 16      | 24.76   | cps   |
| Nickel     | 60-2  | 2287    | 2084    | 2134    | 2168    | 4.89    | cps   |
| Phosphorus | 31-2  | 583     | 567     | 492     | 547     | 8.92    | cps   |
| Potassium  | 39-2  | 21133   | 20424   | 20532   | 20697   | 1.85    | cps   |
| Rhodium    | 103-1 | 5044184 | 4699235 | 4997321 | 4913580 | 3.81    | cps   |
| Rhodium    | 103-2 | 1756970 | 1762316 | 1767303 | 1762196 | 0.29    | cps   |
| Scandium   | 45-1  | 3866367 | 3519037 | 3784379 | 3723261 | 4.88    | cps   |
| Scandium   | 45-2  | 38042   | 38142   | 38513   | 38232   | 0.65    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 4       | 4       | 4       | 4       | 0.00    | cps   |
| Selenium   | 82-1  | -4      | -28     | -117    | -50     | -119.82 | cps   |
| Silicon    | 28-1  | 5538585 | 5489697 | 5425678 | 5484653 | 1.03    | cps   |
| Silver     | 109-1 | 192     | 108     | 117     | 139     | 33.05   | cps   |
| Silver     | 107-1 | 200     | 100     | 125     | 142     | 36.74   | cps   |
| Sodium     | 23-2  | 1244721 | 1246836 | 1245069 | 1245542 | 0.09    | cps   |
| Strontium  | 86-1  | 57105   | 57112   | 55530   | 56582   | 1.61    | cps   |
| Strontium  | 88-1  | 473777  | 477676  | 473478  | 474977  | 0.49    | cps   |
| Sulfur     | 34-1  | 594138  | 590833  | 593066  | 592679  | 0.28    | cps   |
| Terbium    | 159-1 | 5240483 | 4932060 | 5322298 | 5164947 | 3.98    | cps   |
| Terbium    | 159-2 | 1664967 | 1674993 | 1674683 | 1671548 | 0.34    | cps   |
| Thallium   | 203-1 | 175     | 125     | 108     | 136     | 25.49   | cps   |
| Thallium   | 205-1 | 317     | 375     | 350     | 347     | 8.43    | cps   |
| Tin        | 118-1 | 733     | 850     | 850     | 811     | 8.30    | cps   |
| Titanium   | 47-1  | 933     | 925     | 792     | 883     | 9.00    | cps   |
| Uranium    | 238-1 | 250     | 317     | 150     | 239     | 35.11   | cps   |
| Vanadium   | 51-2  | 83      | 73      | 70      | 76      | 9.19    | cps   |
| Yttrium    | 89-1  | 5873899 | 5532026 | 5780467 | 5728797 | 3.08    | cps   |
| Yttrium    | 89-2  | 250232  | 253506  | 252013  | 251917  | 0.65    | cps   |
| Zinc       | 66-2  | 34252   | 33888   | 33965   | 34035   | 0.56    | cps   |
| Zirconium  | 90-1  | 742     | 1260    | 758     | 920     | 32.00   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-05             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-77-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:32:32  | DataFile Name :   | 143SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 208  | 167  | 169     | 22.18  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-06             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-78-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:35:42  | DataFile Name :   | 144SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 558     | 583     | 575     | 572     | 2.22   | cps   |
| Antimony   | 121-1 | 692     | 983     | 900     | 858     | 17.50  | cps   |
| Arsenic    | 75-2  | 31      | 52      | 30      | 38      | 32.74  | cps   |
| Barium     | 135-1 | 34345   | 33945   | 34546   | 34279   | 0.89   | cps   |
| Barium     | 137-1 | 60924   | 58338   | 59058   | 59440   | 2.25   | cps   |
| Beryllium  | 9-1   | 50      | 39      | 33      | 41      | 20.83  | cps   |
| Bismuth    | 209-1 | 2685093 | 2714888 | 2739942 | 2713308 | 1.01   | cps   |
| Bismuth    | 209-2 | 1190149 | 1185357 | 1167856 | 1181121 | 0.99   | cps   |
| Boron      | 10-1  | 1383    | 1375    | 1267    | 1342    | 4.85   | cps   |
| Boron      | 11-1  | 5460    | 5835    | 6252    | 5849    | 6.77   | cps   |
| Cadmium    | 111-1 | 1030    | 888     | 1102    | 1007    | 10.78  | cps   |
| Cadmium    | 106-1 | 1442    | 1208    | 1525    | 1392    | 11.80  | cps   |
| Cadmium    | 108-1 | 13      | 17      | 17      | 15      | 15.76  | cps   |
| Calcium    | 43-1  | 174777  | 173079  | 172194  | 173350  | 0.76   | cps   |
| Calcium    | 44-1  | 2956665 | 2912517 | 2973439 | 2947540 | 1.07   | cps   |
| Chromium   | 52-2  | 1293    | 1447    | 1160    | 1300    | 11.04  | cps   |
| Cobalt     | 59-2  | 150     | 213     | 207     | 190     | 18.32  | cps   |
| Copper     | 63-2  | 220308  | 218210  | 217981  | 218833  | 0.59   | cps   |
| Dysprosium | 156-1 | 25      | 58      | 17      | 33      | 66.14  | cps   |
| Dysprosium | 156-2 | 23      | 20      | 17      | 20      | 16.65  | cps   |
| Erbium     | 164-1 | 67      | 58      | 67      | 64      | 7.53   | cps   |
| Erbium     | 164-2 | 0       | 17      | 20      | 12      | 87.67  | cps   |
| Gadolinium | 160-1 | 67      | 100     | 83      | 83      | 20.00  | cps   |
| Gadolinium | 160-2 | 17      | 40      | 13      | 23      | 62.27  | cps   |
| Holmium    | 165-1 | 4823791 | 4727520 | 4797141 | 4782817 | 1.04   | cps   |
| Holmium    | 165-2 | 1676712 | 1670486 | 1582720 | 1643306 | 3.20   | cps   |
| Indium     | 115-1 | 5020130 | 4989180 | 5084085 | 5031132 | 0.96   | cps   |
| Indium     | 115-2 | 331859  | 330304  | 328897  | 330353  | 0.45   | cps   |
| Iron       | 56-2  | 33584   | 33726   | 36169   | 34493   | 4.21   | cps   |
| Iron       | 57-2  | 1072    | 872     | 811     | 919     | 14.87  | cps   |
| Lead       | 206-1 | 2828    | 3000    | 2973    | 2934    | 3.15   | cps   |
| Lead       | 207-1 | 2739    | 2617    | 2439    | 2598    | 5.81   | cps   |
| Lead       | 208-1 | 11408   | 11797   | 11636   | 11614   | 1.68   | cps   |
| Lithium    | 6-1   | 919883  | 928298  | 940895  | 929692  | 1.14   | cps   |
| Magnesium  | 24-2  | 54522   | 54681   | 55208   | 54804   | 0.66   | cps   |
| Manganese  | 55-2  | 5418    | 5134    | 5044    | 5199    | 3.75   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-06 Instrumnet Name : P8  
 Client Sample ID : DC20894-78-FL3-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:35:42 DataFile Name : 144SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD   | Units |
|------------|-------|---------|---------|---------|---------|----------|-------|
| Molybdenum | 94-1  | 567     | 450     | 533     | 517     | 11.63    | cps   |
| Molybdenum | 95-1  | 225     | 225     | 183     | 211     | 11.40    | cps   |
| Molybdenum | 96-1  | 258     | 258     | 308     | 275     | 10.50    | cps   |
| Molybdenum | 97-1  | 242     | 158     | 233     | 211     | 21.74    | cps   |
| Molybdenum | 98-1  | 267     | 392     | 375     | 344     | 19.70    | cps   |
| Neodymium  | 150-1 | 33      | 80      | 73      | 62      | 40.57    | cps   |
| Neodymium  | 150-2 | 13      | 0       | 10      | 8       | 89.21    | cps   |
| Nickel     | 60-2  | 1130    | 1097    | 1113    | 1113    | 1.50     | cps   |
| Phosphorus | 31-2  | 408     | 525     | 492     | 475     | 12.65    | cps   |
| Potassium  | 39-2  | 21968   | 21668   | 20682   | 21439   | 3.14     | cps   |
| Rhodium    | 103-1 | 4926159 | 4956984 | 4937241 | 4940128 | 0.32     | cps   |
| Rhodium    | 103-2 | 1749878 | 1736625 | 1739148 | 1741884 | 0.40     | cps   |
| Scandium   | 45-1  | 3659882 | 3664300 | 3710268 | 3678150 | 0.76     | cps   |
| Scandium   | 45-2  | 38550   | 38443   | 38139   | 38377   | 0.56     | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21   | cps   |
| Selenium   | 78-2  | 4       | 2       | 2       | 2       | 43.30    | cps   |
| Selenium   | 82-1  | -48     | -14     | 49      | -4      | -1116.04 | cps   |
| Silicon    | 28-1  | 5359305 | 5335548 | 5382718 | 5359190 | 0.44     | cps   |
| Silver     | 109-1 | 358     | 283     | 225     | 289     | 23.14    | cps   |
| Silver     | 107-1 | 367     | 333     | 350     | 350     | 4.76     | cps   |
| Sodium     | 23-2  | 1229535 | 1227056 | 1206475 | 1221022 | 1.04     | cps   |
| Strontium  | 86-1  | 58057   | 58225   | 58259   | 58181   | 0.19     | cps   |
| Strontium  | 88-1  | 495372  | 488927  | 493634  | 492644  | 0.68     | cps   |
| Sulfur     | 34-1  | 592557  | 596117  | 589646  | 592773  | 0.55     | cps   |
| Terbium    | 159-1 | 5179866 | 5118970 | 5284659 | 5194498 | 1.61     | cps   |
| Terbium    | 159-2 | 1680733 | 1687577 | 1663025 | 1677112 | 0.76     | cps   |
| Thallium   | 203-1 | 158     | 200     | 200     | 186     | 12.93    | cps   |
| Thallium   | 205-1 | 400     | 333     | 392     | 375     | 9.69     | cps   |
| Tin        | 118-1 | 1967    | 1950    | 1950    | 1956    | 0.49     | cps   |
| Titanium   | 47-1  | 808     | 775     | 925     | 836     | 9.42     | cps   |
| Uranium    | 238-1 | 317     | 233     | 350     | 300     | 20.03    | cps   |
| Vanadium   | 51-2  | 80      | 83      | 97      | 87      | 10.18    | cps   |
| Yttrium    | 89-1  | 5782767 | 5680717 | 5821837 | 5761774 | 1.26     | cps   |
| Yttrium    | 89-2  | 250515  | 250693  | 245458  | 248889  | 1.19     | cps   |
| Zinc       | 66-2  | 7822    | 7435    | 7666    | 7641    | 2.55     | cps   |
| Zirconium  | 90-1  | 775     | 817     | 767     | 786     | 3.41     | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-06             | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-78-FL3-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:35:42  | DataFile Name :   | 144SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 250  | 117  | 133  | 167     | 43.59  | cps   |



LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-07 Instrumnet Name : P8  
 Client Sample ID : DC20894-79-ROOF-PLG Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:38:50 DataFile Name : 145SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 150     | 225     | 167     | 181     | 21.81  | cps   |
| Antimony   | 121-1 | 683     | 642     | 700     | 675     | 4.45   | cps   |
| Arsenic    | 75-2  | 48      | 57      | 50      | 52      | 9.45   | cps   |
| Barium     | 135-1 | 35215   | 34245   | 33703   | 34388   | 2.23   | cps   |
| Barium     | 137-1 | 59200   | 60180   | 59285   | 59555   | 0.91   | cps   |
| Beryllium  | 9-1   | 72      | 50      | 50      | 57      | 22.35  | cps   |
| Bismuth    | 209-1 | 2748210 | 2633231 | 2647970 | 2676470 | 2.34   | cps   |
| Bismuth    | 209-2 | 1195865 | 1181855 | 1176437 | 1184719 | 0.85   | cps   |
| Boron      | 10-1  | 1417    | 1100    | 1308    | 1275    | 12.62  | cps   |
| Boron      | 11-1  | 5260    | 5510    | 5810    | 5526    | 4.99   | cps   |
| Cadmium    | 111-1 | 1064    | 915     | 1091    | 1024    | 9.24   | cps   |
| Cadmium    | 106-1 | 1500    | 1292    | 1534    | 1442    | 9.09   | cps   |
| Cadmium    | 108-1 | 33      | 38      | 17      | 29      | 37.79  | cps   |
| Calcium    | 43-1  | 152243  | 151485  | 152530  | 152086  | 0.36   | cps   |
| Calcium    | 44-1  | 2620353 | 2629826 | 2587774 | 2612651 | 0.84   | cps   |
| Chromium   | 52-2  | 1080    | 1120    | 1283    | 1161    | 9.28   | cps   |
| Cobalt     | 59-2  | 103     | 120     | 100     | 108     | 9.94   | cps   |
| Copper     | 63-2  | 320602  | 318047  | 316525  | 318391  | 0.65   | cps   |
| Dysprosium | 156-1 | 83      | 58      | 58      | 67      | 21.65  | cps   |
| Dysprosium | 156-2 | 17      | 17      | 20      | 18      | 10.81  | cps   |
| Erbium     | 164-1 | 42      | 58      | 42      | 47      | 20.38  | cps   |
| Erbium     | 164-2 | 17      | 17      | 3       | 12      | 63.01  | cps   |
| Gadolinium | 160-1 | 108     | 117     | 117     | 114     | 4.22   | cps   |
| Gadolinium | 160-2 | 27      | 10      | 37      | 24      | 55.11  | cps   |
| Holmium    | 165-1 | 4953145 | 4649314 | 4739763 | 4780741 | 3.26   | cps   |
| Holmium    | 165-2 | 1605317 | 1676906 | 1584969 | 1622397 | 2.98   | cps   |
| Indium     | 115-1 | 5140352 | 4934019 | 5039029 | 5037800 | 2.05   | cps   |
| Indium     | 115-2 | 331134  | 329941  | 327546  | 329540  | 0.55   | cps   |
| Iron       | 56-2  | 46450   | 47126   | 46172   | 46583   | 1.05   | cps   |
| Iron       | 57-2  | 1150    | 1289    | 1401    | 1280    | 9.80   | cps   |
| Lead       | 206-1 | 7931    | 7497    | 7842    | 7756    | 2.95   | cps   |
| Lead       | 207-1 | 6330    | 6530    | 6658    | 6506    | 2.54   | cps   |
| Lead       | 208-1 | 30627   | 29531   | 30226   | 30128   | 1.84   | cps   |
| Lithium    | 6-1   | 954010  | 924729  | 917627  | 932122  | 2.07   | cps   |
| Magnesium  | 24-2  | 54865   | 54982   | 55527   | 55124   | 0.64   | cps   |
| Manganese  | 55-2  | 5865    | 5501    | 5831    | 5732    | 3.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-79-ROOF-PLG | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:38:50 | DataFile Name :   | 145SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD   | Units |
|------------|-------|---------|---------|---------|---------|----------|-------|
| Molybdenum | 94-1  | 292     | 325     | 442     | 353     | 22.33    | cps   |
| Molybdenum | 95-1  | 150     | 117     | 225     | 164     | 33.86    | cps   |
| Molybdenum | 96-1  | 200     | 225     | 333     | 253     | 28.04    | cps   |
| Molybdenum | 97-1  | 200     | 150     | 142     | 164     | 19.25    | cps   |
| Molybdenum | 98-1  | 342     | 208     | 275     | 275     | 24.24    | cps   |
| Neodymium  | 150-1 | 40      | 40      | 40      | 40      | 0.00     | cps   |
| Neodymium  | 150-2 | 13      | 3       | 3       | 7       | 86.65    | cps   |
| Nickel     | 60-2  | 1453    | 1597    | 1550    | 1533    | 4.77     | cps   |
| Phosphorus | 31-2  | 500     | 683     | 467     | 550     | 21.21    | cps   |
| Potassium  | 39-2  | 21125   | 20691   | 21367   | 21061   | 1.63     | cps   |
| Rhodium    | 103-1 | 5096456 | 4706033 | 4775164 | 4859218 | 4.29     | cps   |
| Rhodium    | 103-2 | 1741907 | 1717765 | 1733081 | 1730918 | 0.71     | cps   |
| Scandium   | 45-1  | 3766105 | 3602713 | 3602035 | 3656951 | 2.58     | cps   |
| Scandium   | 45-2  | 38533   | 38272   | 38108   | 38304   | 0.56     | cps   |
| Selenium   | 77-2  | 0       | 0       | 7       | 2       | 173.21   | cps   |
| Selenium   | 78-2  | 6       | 7       | 0       | 4       | 89.21    | cps   |
| Selenium   | 82-1  | -18     | -28     | 40      | -2      | -2127.80 | cps   |
| Silicon    | 28-1  | 5344532 | 5302334 | 5243101 | 5296656 | 0.96     | cps   |
| Silver     | 109-1 | 125     | 208     | 208     | 181     | 26.65    | cps   |
| Silver     | 107-1 | 192     | 175     | 167     | 178     | 7.16     | cps   |
| Sodium     | 23-2  | 1253516 | 1230648 | 1221875 | 1235346 | 1.32     | cps   |
| Strontium  | 86-1  | 56978   | 55924   | 56945   | 56616   | 1.06     | cps   |
| Strontium  | 88-1  | 484302  | 479700  | 485870  | 483291  | 0.66     | cps   |
| Sulfur     | 34-1  | 589497  | 599697  | 600813  | 596669  | 1.05     | cps   |
| Terbium    | 159-1 | 5268072 | 5031905 | 5095018 | 5131665 | 2.38     | cps   |
| Terbium    | 159-2 | 1648280 | 1653155 | 1651639 | 1651025 | 0.15     | cps   |
| Thallium   | 203-1 | 108     | 150     | 158     | 139     | 19.29    | cps   |
| Thallium   | 205-1 | 300     | 367     | 275     | 314     | 15.10    | cps   |
| Tin        | 118-1 | 325     | 467     | 458     | 417     | 19.08    | cps   |
| Titanium   | 47-1  | 833     | 683     | 525     | 681     | 22.66    | cps   |
| Uranium    | 238-1 | 192     | 217     | 150     | 186     | 18.10    | cps   |
| Vanadium   | 51-2  | 57      | 107     | 77      | 80      | 31.46    | cps   |
| Yttrium    | 89-1  | 5862251 | 5602487 | 5794484 | 5753074 | 2.34     | cps   |
| Yttrium    | 89-2  | 249172  | 249146  | 248150  | 248823  | 0.23     | cps   |
| Zinc       | 66-2  | 25604   | 24819   | 24979   | 25134   | 1.65     | cps   |
| Zirconium  | 90-1  | 642     | 717     | 733     | 697     | 7.00     | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-79-ROOF-PLG | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:38:50 | DataFile Name :   | 145SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 142  | 217  | 178     | 21.14  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-08 Instrumnet Name : P8  
 Client Sample ID : DC20894-80-ROOF-PLG Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:42:00 DataFile Name : 146SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 283     | 242     | 133     | 219     | 35.28  | cps   |
| Antimony   | 121-1 | 675     | 633     | 542     | 617     | 11.06  | cps   |
| Arsenic    | 75-2  | 52      | 39      | 39      | 43      | 17.32  | cps   |
| Barium     | 135-1 | 34337   | 33936   | 33143   | 33805   | 1.80   | cps   |
| Barium     | 137-1 | 59250   | 58572   | 58195   | 58673   | 0.91   | cps   |
| Beryllium  | 9-1   | 50      | 6       | 28      | 28      | 79.99  | cps   |
| Bismuth    | 209-1 | 2613538 | 2673553 | 2636070 | 2641054 | 1.15   | cps   |
| Bismuth    | 209-2 | 1148391 | 1152244 | 1161103 | 1153913 | 0.56   | cps   |
| Boron      | 10-1  | 1058    | 1242    | 1092    | 1131    | 8.64   | cps   |
| Boron      | 11-1  | 5268    | 5535    | 5626    | 5476    | 3.40   | cps   |
| Cadmium    | 111-1 | 953     | 958     | 929     | 947     | 1.61   | cps   |
| Cadmium    | 106-1 | 1300    | 1325    | 1292    | 1306    | 1.33   | cps   |
| Cadmium    | 108-1 | 4       | 17      | 0       | 7       | 124.88 | cps   |
| Calcium    | 43-1  | 149741  | 148940  | 146464  | 148382  | 1.15   | cps   |
| Calcium    | 44-1  | 2552496 | 2560891 | 2527472 | 2546953 | 0.68   | cps   |
| Chromium   | 52-2  | 997     | 1097    | 1070    | 1055    | 4.91   | cps   |
| Cobalt     | 59-2  | 103     | 107     | 113     | 108     | 4.72   | cps   |
| Copper     | 63-2  | 292780  | 292645  | 291451  | 292292  | 0.25   | cps   |
| Dysprosium | 156-1 | 67      | 17      | 42      | 42      | 60.00  | cps   |
| Dysprosium | 156-2 | 33      | 10      | 23      | 22      | 52.68  | cps   |
| Erbium     | 164-1 | 75      | 25      | 58      | 53      | 48.24  | cps   |
| Erbium     | 164-2 | 17      | 7       | 17      | 13      | 43.29  | cps   |
| Gadolinium | 160-1 | 33      | 142     | 92      | 89      | 61.00  | cps   |
| Gadolinium | 160-2 | 33      | 33      | 27      | 31      | 12.36  | cps   |
| Holmium    | 165-1 | 4798896 | 4789133 | 4784512 | 4790847 | 0.15   | cps   |
| Holmium    | 165-2 | 1575698 | 1625587 | 1573100 | 1591462 | 1.86   | cps   |
| Indium     | 115-1 | 4948229 | 5076906 | 4974337 | 4999824 | 1.36   | cps   |
| Indium     | 115-2 | 313384  | 323348  | 324203  | 320311  | 1.88   | cps   |
| Iron       | 56-2  | 25049   | 23213   | 20433   | 22898   | 10.15  | cps   |
| Iron       | 57-2  | 494     | 583     | 556     | 544     | 8.35   | cps   |
| Lead       | 206-1 | 3212    | 3084    | 2862    | 3052    | 5.80   | cps   |
| Lead       | 207-1 | 2361    | 2400    | 2567    | 2443    | 4.47   | cps   |
| Lead       | 208-1 | 11580   | 11497   | 11363   | 11480   | 0.95   | cps   |
| Lithium    | 6-1   | 904336  | 935354  | 941822  | 927171  | 2.16   | cps   |
| Magnesium  | 24-2  | 54974   | 55350   | 55150   | 55158   | 0.34   | cps   |
| Manganese  | 55-2  | 4834    | 4961    | 5094    | 4963    | 2.62   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-08 Instrumnet Name : P8  
 Client Sample ID : DC20894-80-ROOF-PLG Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:42:00 DataFile Name : 146SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 442     | 550     | 633     | 542     | 17.74  | cps   |
| Molybdenum | 95-1  | 92      | 183     | 150     | 142     | 32.75  | cps   |
| Molybdenum | 96-1  | 225     | 217     | 150     | 197     | 20.84  | cps   |
| Molybdenum | 97-1  | 225     | 150     | 158     | 178     | 23.12  | cps   |
| Molybdenum | 98-1  | 217     | 275     | 275     | 256     | 13.18  | cps   |
| Neodymium  | 150-1 | 47      | 40      | 27      | 38      | 26.95  | cps   |
| Neodymium  | 150-2 | 0       | 7       | 7       | 4       | 86.60  | cps   |
| Nickel     | 60-2  | 557     | 530     | 553     | 547     | 2.66   | cps   |
| Phosphorus | 31-2  | 517     | 550     | 467     | 511     | 8.21   | cps   |
| Potassium  | 39-2  | 20866   | 20507   | 20432   | 20602   | 1.13   | cps   |
| Rhodium    | 103-1 | 4834171 | 4972885 | 4906122 | 4904393 | 1.41   | cps   |
| Rhodium    | 103-2 | 1652132 | 1704940 | 1726887 | 1694653 | 2.27   | cps   |
| Scandium   | 45-1  | 3608496 | 3695318 | 3585288 | 3629701 | 1.60   | cps   |
| Scandium   | 45-2  | 36645   | 38225   | 37797   | 37556   | 2.18   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 7       | 4       | 4       | 5       | 43.39  | cps   |
| Selenium   | 82-1  | 115     | -19     | -19     | 25      | 305.38 | cps   |
| Silicon    | 28-1  | 5278982 | 5253331 | 5282878 | 5271730 | 0.30   | cps   |
| Silver     | 109-1 | 200     | 242     | 142     | 194     | 25.83  | cps   |
| Silver     | 107-1 | 175     | 183     | 150     | 169     | 10.24  | cps   |
| Sodium     | 23-2  | 1231822 | 1214832 | 1208348 | 1218334 | 0.99   | cps   |
| Strontium  | 86-1  | 56284   | 56443   | 57129   | 56618   | 0.79   | cps   |
| Strontium  | 88-1  | 477586  | 478442  | 473280  | 476436  | 0.58   | cps   |
| Sulfur     | 34-1  | 596248  | 598277  | 592846  | 595790  | 0.46   | cps   |
| Terbium    | 159-1 | 5098790 | 5254720 | 5095533 | 5149681 | 1.77   | cps   |
| Terbium    | 159-2 | 1592645 | 1561452 | 1548891 | 1567663 | 1.44   | cps   |
| Thallium   | 203-1 | 142     | 125     | 175     | 147     | 17.29  | cps   |
| Thallium   | 205-1 | 408     | 425     | 325     | 386     | 13.88  | cps   |
| Tin        | 118-1 | 525     | 558     | 483     | 522     | 7.20   | cps   |
| Titanium   | 47-1  | 917     | 775     | 625     | 772     | 18.89  | cps   |
| Uranium    | 238-1 | 175     | 183     | 250     | 203     | 20.27  | cps   |
| Vanadium   | 51-2  | 97      | 87      | 87      | 90      | 6.41   | cps   |
| Yttrium    | 89-1  | 5737329 | 5702020 | 5751514 | 5730288 | 0.44   | cps   |
| Yttrium    | 89-2  | 239281  | 245559  | 245585  | 243475  | 1.49   | cps   |
| Zinc       | 66-2  | 13850   | 13553   | 13513   | 13639   | 1.35   | cps   |
| Zirconium  | 90-1  | 1042    | 1125    | 1175    | 1114    | 6.05   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-80-ROOF-PLG | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:42:00 | DataFile Name :   | 146SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 267  | 250  | 231     | 21.18  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-09 Instrumnet Name : P8  
 Client Sample ID : DC20894-81-ROOF-BR1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:45:10 DataFile Name : 147SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 175     | 133     | 183     | 164     | 16.34  | cps   |
| Antimony   | 121-1 | 550     | 583     | 550     | 561     | 3.43   | cps   |
| Arsenic    | 75-2  | 57      | 44      | 54      | 52      | 12.88  | cps   |
| Barium     | 135-1 | 32834   | 32015   | 31505   | 32118   | 2.09   | cps   |
| Barium     | 137-1 | 56488   | 55233   | 56840   | 56187   | 1.50   | cps   |
| Beryllium  | 9-1   | 39      | 39      | 39      | 39      | 0.00   | cps   |
| Bismuth    | 209-1 | 2797314 | 2728475 | 2752771 | 2759520 | 1.27   | cps   |
| Bismuth    | 209-2 | 1179513 | 1095536 | 1180953 | 1152001 | 4.25   | cps   |
| Boron      | 10-1  | 1217    | 1433    | 1133    | 1261    | 12.28  | cps   |
| Boron      | 11-1  | 5368    | 5335    | 5518    | 5407    | 1.81   | cps   |
| Cadmium    | 111-1 | 1197    | 969     | 959     | 1042    | 12.93  | cps   |
| Cadmium    | 106-1 | 1634    | 1325    | 1325    | 1428    | 12.47  | cps   |
| Cadmium    | 108-1 | 13      | 13      | 8       | 11      | 21.67  | cps   |
| Calcium    | 43-1  | 152049  | 146290  | 146358  | 148232  | 2.23   | cps   |
| Calcium    | 44-1  | 2593521 | 2544568 | 2541902 | 2559997 | 1.14   | cps   |
| Chromium   | 52-2  | 1203    | 1173    | 993     | 1123    | 10.11  | cps   |
| Cobalt     | 59-2  | 97      | 93      | 70      | 87      | 16.77  | cps   |
| Copper     | 63-2  | 412665  | 411164  | 411788  | 411872  | 0.18   | cps   |
| Dysprosium | 156-1 | 58      | 58      | 67      | 61      | 7.87   | cps   |
| Dysprosium | 156-2 | 20      | 10      | 13      | 14      | 35.26  | cps   |
| Erbium     | 164-1 | 125     | 25      | 33      | 61      | 90.80  | cps   |
| Erbium     | 164-2 | 3       | 17      | 20      | 13      | 66.16  | cps   |
| Gadolinium | 160-1 | 67      | 83      | 100     | 83      | 20.00  | cps   |
| Gadolinium | 160-2 | 13      | 37      | 10      | 20      | 72.66  | cps   |
| Holmium    | 165-1 | 5015087 | 4899052 | 4760660 | 4891600 | 2.60   | cps   |
| Holmium    | 165-2 | 1643369 | 1540746 | 1656194 | 1613436 | 3.92   | cps   |
| Indium     | 115-1 | 5135769 | 5060031 | 4997235 | 5064345 | 1.37   | cps   |
| Indium     | 115-2 | 329537  | 303207  | 326639  | 319794  | 4.51   | cps   |
| Iron       | 56-2  | 18519   | 18925   | 18947   | 18797   | 1.28   | cps   |
| Iron       | 57-2  | 450     | 661     | 617     | 576     | 19.33  | cps   |
| Lead       | 206-1 | 15966   | 15087   | 15705   | 15586   | 2.90   | cps   |
| Lead       | 207-1 | 13252   | 13035   | 12968   | 13085   | 1.13   | cps   |
| Lead       | 208-1 | 61253   | 60152   | 60018   | 60474   | 1.12   | cps   |
| Lithium    | 6-1   | 938706  | 919855  | 930478  | 929680  | 1.02   | cps   |
| Magnesium  | 24-2  | 55785   | 54497   | 55208   | 55163   | 1.17   | cps   |
| Manganese  | 55-2  | 4017    | 3911    | 4031    | 3986    | 1.65   | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4357-09 Instrumnet Name : P8  
 Client Sample ID : DC20894-81-ROOF-BR1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:45:10 DataFile Name : 147SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 358     | 400     | 350     | 369     | 7.25    | cps   |
| Molybdenum | 95-1  | 192     | 225     | 158     | 192     | 17.39   | cps   |
| Molybdenum | 96-1  | 425     | 308     | 233     | 322     | 29.97   | cps   |
| Molybdenum | 97-1  | 242     | 167     | 292     | 233     | 26.96   | cps   |
| Molybdenum | 98-1  | 283     | 333     | 350     | 322     | 10.77   | cps   |
| Neodymium  | 150-1 | 80      | 60      | 20      | 53      | 57.28   | cps   |
| Neodymium  | 150-2 | 10      | 20      | 20      | 17      | 34.64   | cps   |
| Nickel     | 60-2  | 757     | 760     | 700     | 739     | 4.56    | cps   |
| Phosphorus | 31-2  | 575     | 533     | 550     | 553     | 3.79    | cps   |
| Potassium  | 39-2  | 20299   | 20975   | 21334   | 20869   | 2.52    | cps   |
| Rhodium    | 103-1 | 5008382 | 4942082 | 4932116 | 4960860 | 0.84    | cps   |
| Rhodium    | 103-2 | 1760879 | 1603028 | 1695864 | 1686590 | 4.70    | cps   |
| Scandium   | 45-1  | 3749341 | 3655465 | 3691537 | 3698781 | 1.28    | cps   |
| Scandium   | 45-2  | 37383   | 35251   | 37467   | 36700   | 3.42    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 6       | 4       | 6       | 5       | 21.74   | cps   |
| Selenium   | 82-1  | -129    | 0       | 21      | -36     | -225.67 | cps   |
| Silicon    | 28-1  | 5430463 | 5349148 | 5293193 | 5357601 | 1.29    | cps   |
| Silver     | 109-1 | 192     | 108     | 125     | 142     | 31.13   | cps   |
| Silver     | 107-1 | 167     | 150     | 158     | 158     | 5.26    | cps   |
| Sodium     | 23-2  | 1220064 | 1238105 | 1220007 | 1226059 | 0.85    | cps   |
| Strontium  | 86-1  | 56309   | 54518   | 56008   | 55611   | 1.72    | cps   |
| Strontium  | 88-1  | 473985  | 461886  | 463396  | 466422  | 1.41    | cps   |
| Sulfur     | 34-1  | 591558  | 593634  | 592740  | 592644  | 0.18    | cps   |
| Terbium    | 159-1 | 5265733 | 5254810 | 5175333 | 5231959 | 0.94    | cps   |
| Terbium    | 159-2 | 1633291 | 1560578 | 1657988 | 1617286 | 3.13    | cps   |
| Thallium   | 203-1 | 108     | 183     | 117     | 136     | 30.20   | cps   |
| Thallium   | 205-1 | 392     | 267     | 208     | 289     | 32.42   | cps   |
| Tin        | 118-1 | 2034    | 2000    | 1517    | 1850    | 15.63   | cps   |
| Titanium   | 47-1  | 608     | 717     | 558     | 628     | 12.89   | cps   |
| Uranium    | 238-1 | 242     | 175     | 267     | 228     | 20.80   | cps   |
| Vanadium   | 51-2  | 57      | 100     | 90      | 82      | 27.59   | cps   |
| Yttrium    | 89-1  | 5888547 | 5645023 | 5746361 | 5759977 | 2.12    | cps   |
| Yttrium    | 89-2  | 245610  | 228732  | 245826  | 240056  | 4.09    | cps   |
| Zinc       | 66-2  | 26716   | 26793   | 27972   | 27160   | 2.59    | cps   |
| Zirconium  | 90-1  | 650     | 808     | 742     | 733     | 10.84   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4357-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-81-ROOF-BR1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:45:10 | DataFile Name :   | 147SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 92   | 142  | 128     | 24.69  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV04               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:48:19 | DataFile Name :   | 148SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 25      | 42      | 36      | 26.65  | cps   |
| Antimony   | 121-1 | 25      | 42      | 25      | 31      | 31.50  | cps   |
| Arsenic    | 75-2  | 2       | 2       | 0       | 1       | 86.60  | cps   |
| Barium     | 135-1 | 142     | 83      | 108     | 111     | 26.34  | cps   |
| Barium     | 137-1 | 142     | 150     | 192     | 161     | 16.63  | cps   |
| Beryllium  | 9-1   | 39      | 56      | 33      | 43      | 27.16  | cps   |
| Bismuth    | 209-1 | 2380842 | 2503754 | 2492642 | 2459079 | 2.76   | cps   |
| Bismuth    | 209-2 | 1110011 | 1096560 | 1078938 | 1095169 | 1.42   | cps   |
| Boron      | 10-1  | 467     | 433     | 517     | 472     | 8.88   | cps   |
| Boron      | 11-1  | 2275    | 2309    | 2042    | 2209    | 6.58   | cps   |
| Cadmium    | 111-1 | 798     | 911     | 989     | 900     | 10.67  | cps   |
| Cadmium    | 106-1 | 1117    | 1308    | 1392    | 1272    | 11.08  | cps   |
| Cadmium    | 108-1 | 0       | 13      | 8       | 7       | 91.66  | cps   |
| Calcium    | 43-1  | 5851    | 5585    | 5601    | 5679    | 2.63   | cps   |
| Calcium    | 44-1  | 90801   | 88193   | 89183   | 89392   | 1.47   | cps   |
| Chromium   | 52-2  | 1047    | 990     | 970     | 1002    | 3.97   | cps   |
| Cobalt     | 59-2  | 47      | 63      | 103     | 71      | 40.96  | cps   |
| Copper     | 63-2  | 610     | 527     | 550     | 562     | 7.65   | cps   |
| Dysprosium | 156-1 | 0       | 33      | 17      | 17      | 100.00 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 42      | 25      | 33      | 25.01  | cps   |
| Erbium     | 164-2 | 3       | 7       | 3       | 4       | 43.40  | cps   |
| Gadolinium | 160-1 | 33      | 42      | 25      | 33      | 25.01  | cps   |
| Gadolinium | 160-2 | 13      | 10      | 0       | 8       | 89.21  | cps   |
| Holmium    | 165-1 | 4279282 | 4448526 | 4487544 | 4405117 | 2.51   | cps   |
| Holmium    | 165-2 | 1502207 | 1487471 | 1470876 | 1486851 | 1.05   | cps   |
| Indium     | 115-1 | 4462621 | 4716984 | 4662671 | 4614092 | 2.90   | cps   |
| Indium     | 115-2 | 306697  | 308031  | 303797  | 306175  | 0.71   | cps   |
| Iron       | 56-2  | 3767    | 3634    | 3517    | 3639    | 3.44   | cps   |
| Iron       | 57-2  | 78      | 67      | 144     | 96      | 43.68  | cps   |
| Lead       | 206-1 | 1976477 | 1977294 | 1991553 | 1981775 | 0.43   | cps   |
| Lead       | 207-1 | 1781556 | 1766289 | 1765779 | 1771208 | 0.51   | cps   |
| Lead       | 208-1 | 7909455 | 7931349 | 7957172 | 7932659 | 0.30   | cps   |
| Lithium    | 6-1   | 797584  | 841179  | 835143  | 824635  | 2.86   | cps   |
| Magnesium  | 24-2  | 92      | 75      | 83      | 83      | 10.00  | cps   |
| Manganese  | 55-2  | 70      | 70      | 100     | 80      | 21.65  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV04               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:48:19 | DataFile Name :   | 148SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 133     | 200     | 117     | 150     | 29.40  | cps   |
| Molybdenum | 95-1  | 33      | 25      | 8       | 22      | 57.29  | cps   |
| Molybdenum | 96-1  | 117     | 58      | 100     | 92      | 32.77  | cps   |
| Molybdenum | 97-1  | 75      | 92      | 25      | 64      | 54.31  | cps   |
| Molybdenum | 98-1  | 17      | 8       | 0       | 8       | 100.02 | cps   |
| Neodymium  | 150-1 | 13      | 13      | 7       | 11      | 34.61  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 70      | 87      | 83      | 80      | 11.03  | cps   |
| Phosphorus | 31-2  | 25      | 0       | 0       | 8       | 173.21 | cps   |
| Potassium  | 39-2  | 5060    | 4451    | 4434    | 4648    | 7.67   | cps   |
| Rhodium    | 103-1 | 4350876 | 4664475 | 4545640 | 4520330 | 3.50   | cps   |
| Rhodium    | 103-2 | 1642397 | 1630846 | 1607944 | 1627062 | 1.08   | cps   |
| Scandium   | 45-1  | 3306201 | 3407184 | 3381160 | 3364849 | 1.56   | cps   |
| Scandium   | 45-2  | 35605   | 35632   | 35344   | 35527   | 0.45   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 2       | 4       | 3       | 34.64  | cps   |
| Selenium   | 82-1  | -90     | -41     | -79     | -70     | -36.47 | cps   |
| Silicon    | 28-1  | 542989  | 540958  | 534400  | 539449  | 0.83   | cps   |
| Silver     | 109-1 | 42      | 25      | 17      | 28      | 45.82  | cps   |
| Silver     | 107-1 | 67      | 117     | 42      | 75      | 50.92  | cps   |
| Sodium     | 23-2  | 7869    | 7819    | 8178    | 7955    | 2.44   | cps   |
| Strontium  | 86-1  | 1258    | 1458    | 1458    | 1392    | 8.30   | cps   |
| Strontium  | 88-1  | 325     | 283     | 308     | 306     | 6.86   | cps   |
| Sulfur     | 34-1  | 545212  | 547911  | 543666  | 545596  | 0.39   | cps   |
| Terbium    | 159-1 | 4558900 | 4814318 | 4797182 | 4723467 | 3.02   | cps   |
| Terbium    | 159-2 | 1490258 | 1473776 | 1469570 | 1477868 | 0.74   | cps   |
| Thallium   | 203-1 | 158     | 117     | 158     | 144     | 16.66  | cps   |
| Thallium   | 205-1 | 467     | 408     | 375     | 417     | 11.14  | cps   |
| Tin        | 118-1 | 2175    | 2350    | 2400    | 2309    | 5.12   | cps   |
| Titanium   | 47-1  | 250     | 200     | 217     | 222     | 11.46  | cps   |
| Uranium    | 238-1 | 17      | 42      | 25      | 28      | 45.82  | cps   |
| Vanadium   | 51-2  | 27      | 23      | 10      | 20      | 44.10  | cps   |
| Yttrium    | 89-1  | 4996567 | 5332665 | 5293239 | 5207490 | 3.53   | cps   |
| Yttrium    | 89-2  | 233311  | 232726  | 231190  | 232409  | 0.47   | cps   |
| Zinc       | 66-2  | 333     | 297     | 260     | 297     | 12.36  | cps   |
| Zirconium  | 90-1  | 508     | 300     | 425     | 411     | 25.51  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV04               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:48:19 | DataFile Name :   | 148SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 50   | 108  | 50   | 69      | 48.50  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB04               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:51:30 | DataFile Name :   | 149SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 8       | 25      | 14      | 69.31  | cps   |
| Antimony   | 121-1 | 58      | 17      | 83      | 53      | 63.81  | cps   |
| Arsenic    | 75-2  | 6       | 2       | 4       | 4       | 50.09  | cps   |
| Barium     | 135-1 | 33      | 17      | 50      | 33      | 50.00  | cps   |
| Barium     | 137-1 | 67      | 50      | 17      | 44      | 57.28  | cps   |
| Beryllium  | 9-1   | 50      | 50      | 39      | 46      | 13.85  | cps   |
| Bismuth    | 209-1 | 2520563 | 2558503 | 2513979 | 2531015 | 0.95   | cps   |
| Bismuth    | 209-2 | 1121259 | 1098717 | 1077674 | 1099217 | 1.98   | cps   |
| Boron      | 10-1  | 258     | 308     | 358     | 308     | 16.22  | cps   |
| Boron      | 11-1  | 1600    | 1450    | 1483    | 1511    | 5.21   | cps   |
| Cadmium    | 111-1 | 979     | 880     | 888     | 916     | 5.99   | cps   |
| Cadmium    | 106-1 | 1375    | 1258    | 1258    | 1297    | 5.19   | cps   |
| Cadmium    | 108-1 | 13      | 13      | 8       | 11      | 21.67  | cps   |
| Calcium    | 43-1  | 5877    | 5543    | 5743    | 5721    | 2.93   | cps   |
| Calcium    | 44-1  | 87280   | 85972   | 85620   | 86291   | 1.01   | cps   |
| Chromium   | 52-2  | 1050    | 1110    | 860     | 1007    | 12.97  | cps   |
| Cobalt     | 59-2  | 70      | 103     | 87      | 87      | 19.23  | cps   |
| Copper     | 63-2  | 467     | 360     | 453     | 427     | 13.62  | cps   |
| Dysprosium | 156-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 42      | 17      | 28      | 45.82  | cps   |
| Erbium     | 164-2 | 3       | 3       | 10      | 6       | 69.34  | cps   |
| Gadolinium | 160-1 | 17      | 25      | 42      | 28      | 45.82  | cps   |
| Gadolinium | 160-2 | 10      | 3       | 7       | 7       | 50.03  | cps   |
| Holmium    | 165-1 | 4451709 | 4519687 | 4562556 | 4511318 | 1.24   | cps   |
| Holmium    | 165-2 | 1491187 | 1490457 | 1439348 | 1473664 | 2.02   | cps   |
| Indium     | 115-1 | 4684151 | 4666994 | 4715938 | 4689028 | 0.53   | cps   |
| Indium     | 115-2 | 309169  | 306087  | 295272  | 303509  | 2.40   | cps   |
| Iron       | 56-2  | 3323    | 3706    | 3339    | 3456    | 6.27   | cps   |
| Iron       | 57-2  | 100     | 94      | 100     | 98      | 3.26   | cps   |
| Lead       | 206-1 | 489     | 400     | 389     | 426     | 12.87  | cps   |
| Lead       | 207-1 | 383     | 344     | 367     | 365     | 5.35   | cps   |
| Lead       | 208-1 | 1789    | 1767    | 1583    | 1713    | 6.59   | cps   |
| Lithium    | 6-1   | 843246  | 840134  | 843431  | 842270  | 0.22   | cps   |
| Magnesium  | 24-2  | 117     | 67      | 42      | 75      | 50.92  | cps   |
| Manganese  | 55-2  | 47      | 60      | 57      | 54      | 12.74  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB04               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:51:30 | DataFile Name :   | 149SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 133     | 108     | 150     | 131     | 16.06  | cps   |
| Molybdenum | 95-1  | 0       | 25      | 17      | 14      | 91.65  | cps   |
| Molybdenum | 96-1  | 83      | 83      | 33      | 67      | 43.31  | cps   |
| Molybdenum | 97-1  | 58      | 58      | 25      | 47      | 40.76  | cps   |
| Molybdenum | 98-1  | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Neodymium  | 150-1 | 0       | 13      | 13      | 9       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 73      | 43      | 80      | 66      | 29.80  | cps   |
| Phosphorus | 31-2  | 8       | 0       | 33      | 14      | 124.92 | cps   |
| Potassium  | 39-2  | 4668    | 4376    | 4776    | 4607    | 4.49   | cps   |
| Rhodium    | 103-1 | 4633661 | 4643911 | 4666716 | 4648096 | 0.36   | cps   |
| Rhodium    | 103-2 | 1632000 | 1587838 | 1587581 | 1602473 | 1.60   | cps   |
| Scandium   | 45-1  | 3409160 | 3417012 | 3481795 | 3435989 | 1.16   | cps   |
| Scandium   | 45-2  | 36143   | 35622   | 34927   | 35564   | 1.72   | cps   |
| Selenium   | 77-2  | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Selenium   | 78-2  | 0       | 2       | 2       | 1       | 86.60  | cps   |
| Selenium   | 82-1  | -24     | 25      | 7       | 3       | 878.04 | cps   |
| Silicon    | 28-1  | 534834  | 533015  | 526481  | 531443  | 0.83   | cps   |
| Silver     | 109-1 | 67      | 58      | 75      | 67      | 12.49  | cps   |
| Silver     | 107-1 | 75      | 58      | 58      | 64      | 15.05  | cps   |
| Sodium     | 23-2  | 7994    | 7277    | 7744    | 7672    | 4.74   | cps   |
| Strontium  | 86-1  | 1367    | 1292    | 1367    | 1342    | 3.23   | cps   |
| Strontium  | 88-1  | 133     | 200     | 142     | 158     | 22.94  | cps   |
| Sulfur     | 34-1  | 543848  | 546554  | 541039  | 543814  | 0.51   | cps   |
| Terbium    | 159-1 | 4803528 | 4795246 | 4808498 | 4802424 | 0.14   | cps   |
| Terbium    | 159-2 | 1487597 | 1481442 | 1419979 | 1463006 | 2.56   | cps   |
| Thallium   | 203-1 | 125     | 108     | 175     | 136     | 25.49  | cps   |
| Thallium   | 205-1 | 358     | 300     | 250     | 303     | 17.91  | cps   |
| Tin        | 118-1 | 550     | 583     | 475     | 536     | 10.35  | cps   |
| Titanium   | 47-1  | 208     | 225     | 233     | 222     | 5.73   | cps   |
| Uranium    | 238-1 | 0       | 42      | 42      | 28      | 86.60  | cps   |
| Vanadium   | 51-2  | 10      | 13      | 7       | 10      | 33.30  | cps   |
| Yttrium    | 89-1  | 5283308 | 5435405 | 5446145 | 5388286 | 1.69   | cps   |
| Yttrium    | 89-2  | 233695  | 232911  | 223617  | 230075  | 2.44   | cps   |
| Zinc       | 66-2  | 73      | 67      | 40      | 60      | 29.40  | cps   |
| Zirconium  | 90-1  | 283     | 317     | 433     | 344     | 22.87  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB04               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:51:30 | DataFile Name :   | 149SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 17   | 83   | 58   | 53      | 63.81  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-10RE Instrumnet Name : P8  
 Client Sample ID : DC20894-46-FL2-HA-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:54:42 DataFile Name : 150SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 467     | 475     | 433     | 458     | 4.81   | cps   |
| Antimony   | 121-1 | 642     | 525     | 550     | 572     | 10.73  | cps   |
| Arsenic    | 75-2  | 54      | 46      | 48      | 49      | 7.80   | cps   |
| Barium     | 135-1 | 34538   | 34697   | 34763   | 34666   | 0.33   | cps   |
| Barium     | 137-1 | 61334   | 59209   | 60155   | 60233   | 1.77   | cps   |
| Beryllium  | 9-1   | 50      | 56      | 33      | 46      | 24.99  | cps   |
| Bismuth    | 209-1 | 2744414 | 2711938 | 2736201 | 2730851 | 0.62   | cps   |
| Bismuth    | 209-2 | 1158237 | 1168698 | 1176343 | 1167759 | 0.78   | cps   |
| Boron      | 10-1  | 1142    | 1100    | 1208    | 1150    | 4.75   | cps   |
| Boron      | 11-1  | 5885    | 5535    | 5776    | 5732    | 3.13   | cps   |
| Cadmium    | 111-1 | 1061    | 1025    | 763     | 950     | 17.13  | cps   |
| Cadmium    | 106-1 | 1500    | 1425    | 1075    | 1333    | 17.01  | cps   |
| Cadmium    | 108-1 | 8       | 8       | 21      | 12      | 57.75  | cps   |
| Calcium    | 43-1  | 152285  | 150499  | 146490  | 149758  | 1.98   | cps   |
| Calcium    | 44-1  | 2509434 | 2530129 | 2488026 | 2509196 | 0.84   | cps   |
| Chromium   | 52-2  | 1067    | 1037    | 987     | 1030    | 3.92   | cps   |
| Cobalt     | 59-2  | 140     | 160     | 150     | 150     | 6.67   | cps   |
| Copper     | 63-2  | 276223  | 272905  | 269526  | 272885  | 1.23   | cps   |
| Dysprosium | 156-1 | 50      | 17      | 33      | 33      | 50.00  | cps   |
| Dysprosium | 156-2 | 13      | 23      | 3       | 13      | 75.02  | cps   |
| Erbium     | 164-1 | 42      | 83      | 58      | 61      | 34.32  | cps   |
| Erbium     | 164-2 | 27      | 3       | 20      | 17      | 72.13  | cps   |
| Gadolinium | 160-1 | 92      | 100     | 83      | 92      | 9.09   | cps   |
| Gadolinium | 160-2 | 13      | 23      | 23      | 20      | 28.87  | cps   |
| Holmium    | 165-1 | 5015687 | 4966929 | 4885381 | 4955999 | 1.33   | cps   |
| Holmium    | 165-2 | 1566906 | 1649234 | 1628702 | 1614948 | 2.65   | cps   |
| Indium     | 115-1 | 5016562 | 5077928 | 5116228 | 5070239 | 0.99   | cps   |
| Indium     | 115-2 | 325317  | 328393  | 326540  | 326750  | 0.47   | cps   |
| Iron       | 56-2  | 21841   | 22492   | 21512   | 21948   | 2.27   | cps   |
| Iron       | 57-2  | 489     | 500     | 672     | 554     | 18.57  | cps   |
| Lead       | 206-1 | 3351    | 3439    | 3362    | 3384    | 1.43   | cps   |
| Lead       | 207-1 | 3184    | 2884    | 2739    | 2936    | 7.73   | cps   |
| Lead       | 208-1 | 13470   | 13042   | 12970   | 13160   | 2.05   | cps   |
| Lithium    | 6-1   | 949181  | 932151  | 936344  | 939225  | 0.94   | cps   |
| Magnesium  | 24-2  | 55275   | 55618   | 55049   | 55314   | 0.52   | cps   |
| Manganese  | 55-2  | 4808    | 4701    | 4648    | 4719    | 1.73   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-10RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-46-FL2-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:54:42  | DataFile Name :   | 150SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD     | Units |
|------------|-------|---------|---------|---------|---------|------------|-------|
| Molybdenum | 94-1  | 317     | 317     | 350     | 328     | 5.87       | cps   |
| Molybdenum | 95-1  | 167     | 150     | 167     | 161     | 5.97       | cps   |
| Molybdenum | 96-1  | 225     | 167     | 225     | 206     | 16.38      | cps   |
| Molybdenum | 97-1  | 217     | 83      | 150     | 150     | 44.44      | cps   |
| Molybdenum | 98-1  | 300     | 150     | 225     | 225     | 33.33      | cps   |
| Neodymium  | 150-1 | 27      | 47      | 40      | 38      | 26.95      | cps   |
| Neodymium  | 150-2 | 3       | 3       | 10      | 6       | 69.34      | cps   |
| Nickel     | 60-2  | 360     | 350     | 397     | 369     | 6.66       | cps   |
| Phosphorus | 31-2  | 500     | 500     | 508     | 503     | 0.96       | cps   |
| Potassium  | 39-2  | 20733   | 21359   | 20274   | 20788   | 2.62       | cps   |
| Rhodium    | 103-1 | 5013917 | 4964635 | 4882991 | 4953848 | 1.33       | cps   |
| Rhodium    | 103-2 | 1706385 | 1701262 | 1695798 | 1701148 | 0.31       | cps   |
| Scandium   | 45-1  | 3737360 | 3751487 | 3665428 | 3718091 | 1.24       | cps   |
| Scandium   | 45-2  | 37931   | 38242   | 38005   | 38059   | 0.43       | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00       | cps   |
| Selenium   | 78-2  | 6       | 9       | 6       | 7       | 31.45      | cps   |
| Selenium   | 82-1  | 8       | -63     | 55      | 0       | -112114.04 | cps   |
| Silicon    | 28-1  | 5368979 | 5271698 | 5252823 | 5297833 | 1.18       | cps   |
| Silver     | 109-1 | 133     | 92      | 100     | 108     | 20.35      | cps   |
| Silver     | 107-1 | 150     | 67      | 142     | 119     | 38.42      | cps   |
| Sodium     | 23-2  | 1223358 | 1232929 | 1237369 | 1231219 | 0.58       | cps   |
| Strontium  | 86-1  | 57915   | 56735   | 55790   | 56814   | 1.87       | cps   |
| Strontium  | 88-1  | 474175  | 475704  | 467559  | 472479  | 0.92       | cps   |
| Sulfur     | 34-1  | 600993  | 599995  | 608321  | 603103  | 0.75       | cps   |
| Terbium    | 159-1 | 5294967 | 5287849 | 5095253 | 5226023 | 2.17       | cps   |
| Terbium    | 159-2 | 1619388 | 1652245 | 1548583 | 1606739 | 3.30       | cps   |
| Thallium   | 203-1 | 92      | 217     | 133     | 147     | 43.23      | cps   |
| Thallium   | 205-1 | 342     | 275     | 317     | 311     | 10.83      | cps   |
| Tin        | 118-1 | 650     | 525     | 492     | 556     | 15.02      | cps   |
| Titanium   | 47-1  | 800     | 683     | 667     | 717     | 10.14      | cps   |
| Uranium    | 238-1 | 267     | 183     | 250     | 233     | 18.90      | cps   |
| Vanadium   | 51-2  | 53      | 80      | 60      | 64      | 21.54      | cps   |
| Yttrium    | 89-1  | 5667717 | 5796843 | 5759757 | 5741439 | 1.16       | cps   |
| Yttrium    | 89-2  | 244238  | 244948  | 246588  | 245258  | 0.49       | cps   |
| Zinc       | 66-2  | 8746    | 8653    | 8673    | 8691    | 0.57       | cps   |
| Zirconium  | 90-1  | 767     | 683     | 1277    | 909     | 35.35      | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-10RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-46-FL2-HA-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:54:42  | DataFile Name :   | 150SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 142  | 83   | 122     | 27.55  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-11RE Instrumnet Name : P8  
 Client Sample ID : DC20894-47-FL2-BRA-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 19:57:53 DataFile Name : 151SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 425     | 283     | 225     | 311     | 33.07  | cps   |
| Antimony   | 121-1 | 1233    | 1025    | 1042    | 1100    | 10.53  | cps   |
| Arsenic    | 75-2  | 74      | 48      | 59      | 60      | 21.50  | cps   |
| Barium     | 135-1 | 34621   | 33160   | 32483   | 33421   | 3.27   | cps   |
| Barium     | 137-1 | 60138   | 58824   | 56355   | 58439   | 3.29   | cps   |
| Beryllium  | 9-1   | 22      | 17      | 50      | 30      | 60.27  | cps   |
| Bismuth    | 209-1 | 2755186 | 2773404 | 2762522 | 2763704 | 0.33   | cps   |
| Bismuth    | 209-2 | 1190252 | 1178941 | 1182297 | 1183830 | 0.49   | cps   |
| Boron      | 10-1  | 1108    | 1250    | 1283    | 1214    | 7.66   | cps   |
| Boron      | 11-1  | 5301    | 5543    | 5560    | 5468    | 2.65   | cps   |
| Cadmium    | 111-1 | 1058    | 1058    | 981     | 1032    | 4.34   | cps   |
| Cadmium    | 106-1 | 1383    | 1308    | 1225    | 1306    | 6.07   | cps   |
| Cadmium    | 108-1 | 21      | 29      | 21      | 24      | 20.39  | cps   |
| Calcium    | 43-1  | 147771  | 149473  | 147586  | 148277  | 0.70   | cps   |
| Calcium    | 44-1  | 2533465 | 2565449 | 2546325 | 2548413 | 0.63   | cps   |
| Chromium   | 52-2  | 1810    | 1733    | 1687    | 1743    | 3.57   | cps   |
| Cobalt     | 59-2  | 123     | 160     | 100     | 128     | 23.67  | cps   |
| Copper     | 63-2  | 584448  | 580410  | 578104  | 580988  | 0.55   | cps   |
| Dysprosium | 156-1 | 42      | 33      | 50      | 42      | 20.00  | cps   |
| Dysprosium | 156-2 | 7       | 3       | 17      | 9       | 78.08  | cps   |
| Erbium     | 164-1 | 50      | 67      | 83      | 67      | 25.00  | cps   |
| Erbium     | 164-2 | 33      | 23      | 17      | 24      | 34.31  | cps   |
| Gadolinium | 160-1 | 125     | 83      | 75      | 94      | 28.37  | cps   |
| Gadolinium | 160-2 | 20      | 27      | 23      | 23      | 14.29  | cps   |
| Holmium    | 165-1 | 4969636 | 4957902 | 4855583 | 4927707 | 1.27   | cps   |
| Holmium    | 165-2 | 1662480 | 1698649 | 1624167 | 1661766 | 2.24   | cps   |
| Indium     | 115-1 | 5113135 | 5143783 | 5130134 | 5129017 | 0.30   | cps   |
| Indium     | 115-2 | 328766  | 327316  | 327050  | 327711  | 0.28   | cps   |
| Iron       | 56-2  | 26991   | 36384   | 27481   | 30285   | 17.46  | cps   |
| Iron       | 57-2  | 717     | 678     | 683     | 693     | 3.04   | cps   |
| Lead       | 206-1 | 64011   | 63916   | 63035   | 63654   | 0.85   | cps   |
| Lead       | 207-1 | 54958   | 54093   | 53797   | 54283   | 1.11   | cps   |
| Lead       | 208-1 | 254779  | 251775  | 248717  | 251757  | 1.20   | cps   |
| Lithium    | 6-1   | 950538  | 934753  | 930721  | 938671  | 1.12   | cps   |
| Magnesium  | 24-2  | 53803   | 54070   | 54296   | 54056   | 0.46   | cps   |
| Manganese  | 55-2  | 5354    | 5568    | 5408    | 5443    | 2.04   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-11RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-47-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:57:53  | DataFile Name :   | 151SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 442     | 392     | 275     | 369     | 23.15  | cps   |
| Molybdenum | 95-1  | 225     | 167     | 242     | 211     | 18.65  | cps   |
| Molybdenum | 96-1  | 283     | 308     | 242     | 278     | 12.12  | cps   |
| Molybdenum | 97-1  | 192     | 192     | 175     | 186     | 5.17   | cps   |
| Molybdenum | 98-1  | 408     | 275     | 533     | 406     | 31.86  | cps   |
| Neodymium  | 150-1 | 67      | 67      | 60      | 64      | 5.98   | cps   |
| Neodymium  | 150-2 | 3       | 7       | 10      | 7       | 50.03  | cps   |
| Nickel     | 60-2  | 1467    | 1467    | 1287    | 1407    | 7.39   | cps   |
| Phosphorus | 31-2  | 450     | 467     | 517     | 478     | 7.26   | cps   |
| Potassium  | 39-2  | 21317   | 20775   | 21008   | 21033   | 1.29   | cps   |
| Rhodium    | 103-1 | 5040764 | 4994175 | 4946723 | 4993887 | 0.94   | cps   |
| Rhodium    | 103-2 | 1736735 | 1728260 | 1722907 | 1729301 | 0.40   | cps   |
| Scandium   | 45-1  | 3724293 | 3705222 | 3738352 | 3722622 | 0.45   | cps   |
| Scandium   | 45-2  | 37778   | 38149   | 37330   | 37752   | 1.09   | cps   |
| Selenium   | 77-2  | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Selenium   | 78-2  | 2       | 6       | 9       | 6       | 66.68  | cps   |
| Selenium   | 82-1  | -51     | 117     | -12     | 18      | 489.70 | cps   |
| Silicon    | 28-1  | 7329925 | 5316164 | 6016864 | 6220984 | 16.43  | cps   |
| Silver     | 109-1 | 117     | 58      | 133     | 103     | 38.31  | cps   |
| Silver     | 107-1 | 133     | 167     | 125     | 142     | 15.56  | cps   |
| Sodium     | 23-2  | 1243353 | 1222914 | 1228332 | 1231533 | 0.86   | cps   |
| Strontium  | 86-1  | 55924   | 55481   | 54861   | 55422   | 0.96   | cps   |
| Strontium  | 88-1  | 475250  | 469155  | 467531  | 470645  | 0.86   | cps   |
| Sulfur     | 34-1  | 591654  | 591145  | 596546  | 593115  | 0.50   | cps   |
| Terbium    | 159-1 | 5413716 | 5388568 | 5295045 | 5365776 | 1.17   | cps   |
| Terbium    | 159-2 | 1670227 | 1654675 | 1664794 | 1663232 | 0.47   | cps   |
| Thallium   | 203-1 | 175     | 142     | 150     | 156     | 11.15  | cps   |
| Thallium   | 205-1 | 350     | 342     | 367     | 353     | 3.61   | cps   |
| Tin        | 118-1 | 4551    | 4393    | 4318    | 4420    | 2.70   | cps   |
| Titanium   | 47-1  | 650     | 775     | 617     | 681     | 12.27  | cps   |
| Uranium    | 238-1 | 300     | 225     | 208     | 244     | 19.98  | cps   |
| Vanadium   | 51-2  | 133     | 147     | 103     | 128     | 17.37  | cps   |
| Yttrium    | 89-1  | 5808728 | 5822617 | 5777940 | 5803095 | 0.39   | cps   |
| Yttrium    | 89-2  | 248610  | 247636  | 247665  | 247970  | 0.22   | cps   |
| Zinc       | 66-2  | 42525   | 43144   | 42682   | 42784   | 0.75   | cps   |
| Zirconium  | 90-1  | 783     | 750     | 833     | 789     | 5.32   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-11RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-47-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 19:57:53  | DataFile Name :   | 151SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 442  | 225  | 267     | 59.42  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-12RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-48-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:01:02  | DataFile Name :   | 152SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 150     | 317     | 192     | 219     | 39.53  | cps   |
| Antimony   | 121-1 | 675     | 608     | 458     | 581     | 19.12  | cps   |
| Arsenic    | 75-2  | 74      | 61      | 44      | 60      | 24.82  | cps   |
| Barium     | 135-1 | 32750   | 32215   | 30979   | 31981   | 2.84   | cps   |
| Barium     | 137-1 | 57158   | 57484   | 55534   | 56726   | 1.84   | cps   |
| Beryllium  | 9-1   | 28      | 28      | 39      | 31      | 20.37  | cps   |
| Bismuth    | 209-1 | 2804222 | 2792073 | 2755491 | 2783929 | 0.91   | cps   |
| Bismuth    | 209-2 | 1142228 | 1179168 | 1188030 | 1169809 | 2.08   | cps   |
| Boron      | 10-1  | 1225    | 1125    | 1200    | 1183    | 4.40   | cps   |
| Boron      | 11-1  | 5218    | 5460    | 5876    | 5518    | 6.04   | cps   |
| Cadmium    | 111-1 | 1097    | 1070    | 1094    | 1087    | 1.36   | cps   |
| Cadmium    | 106-1 | 1533    | 1500    | 1542    | 1525    | 1.45   | cps   |
| Cadmium    | 108-1 | 8       | 25      | 8       | 14      | 69.31  | cps   |
| Calcium    | 43-1  | 149699  | 152673  | 147352  | 149908  | 1.78   | cps   |
| Calcium    | 44-1  | 2566544 | 2566926 | 2570534 | 2568001 | 0.09   | cps   |
| Chromium   | 52-2  | 907     | 1140    | 1077    | 1041    | 11.59  | cps   |
| Cobalt     | 59-2  | 93      | 87      | 130     | 103     | 22.58  | cps   |
| Copper     | 63-2  | 321251  | 318871  | 318886  | 319669  | 0.43   | cps   |
| Dysprosium | 156-1 | 17      | 33      | 42      | 31      | 41.66  | cps   |
| Dysprosium | 156-2 | 17      | 7       | 13      | 12      | 41.65  | cps   |
| Erbium     | 164-1 | 92      | 67      | 33      | 64      | 45.81  | cps   |
| Erbium     | 164-2 | 27      | 20      | 13      | 20      | 33.35  | cps   |
| Gadolinium | 160-1 | 150     | 108     | 83      | 114     | 29.57  | cps   |
| Gadolinium | 160-2 | 33      | 30      | 17      | 27      | 33.06  | cps   |
| Holmium    | 165-1 | 4948773 | 4966827 | 4853986 | 4923195 | 1.23   | cps   |
| Holmium    | 165-2 | 1535738 | 1663411 | 1664480 | 1621210 | 4.57   | cps   |
| Indium     | 115-1 | 5135727 | 5197097 | 5059819 | 5130881 | 1.34   | cps   |
| Indium     | 115-2 | 308279  | 328614  | 329882  | 322258  | 3.76   | cps   |
| Iron       | 56-2  | 20768   | 20427   | 24305   | 21833   | 9.84   | cps   |
| Iron       | 57-2  | 539     | 578     | 478     | 532     | 9.49   | cps   |
| Lead       | 206-1 | 4934    | 4518    | 4762    | 4738    | 4.42   | cps   |
| Lead       | 207-1 | 4462    | 4051    | 3967    | 4160    | 6.37   | cps   |
| Lead       | 208-1 | 19996   | 18283   | 18439   | 18906   | 5.01   | cps   |
| Lithium    | 6-1   | 955515  | 946790  | 954076  | 952127  | 0.49   | cps   |
| Magnesium  | 24-2  | 56982   | 55635   | 54481   | 55699   | 2.25   | cps   |
| Manganese  | 55-2  | 5311    | 5271    | 5434    | 5339    | 1.60   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-12RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-48-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:01:02  | DataFile Name :   | 152SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 325     | 392     | 350     | 356     | 9.47   | cps   |
| Molybdenum | 95-1  | 175     | 133     | 167     | 158     | 13.93  | cps   |
| Molybdenum | 96-1  | 292     | 175     | 317     | 261     | 28.96  | cps   |
| Molybdenum | 97-1  | 133     | 183     | 133     | 150     | 19.24  | cps   |
| Molybdenum | 98-1  | 233     | 233     | 275     | 247     | 9.73   | cps   |
| Neodymium  | 150-1 | 33      | 53      | 53      | 47      | 24.75  | cps   |
| Neodymium  | 150-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Nickel     | 60-2  | 473     | 473     | 407     | 451     | 8.53   | cps   |
| Phosphorus | 31-2  | 650     | 575     | 600     | 608     | 6.28   | cps   |
| Potassium  | 39-2  | 20858   | 20616   | 21517   | 20997   | 2.22   | cps   |
| Rhodium    | 103-1 | 5018411 | 5073230 | 4882665 | 4991435 | 1.97   | cps   |
| Rhodium    | 103-2 | 1647784 | 1757206 | 1740184 | 1715058 | 3.43   | cps   |
| Scandium   | 45-1  | 3745704 | 3773695 | 3683710 | 3734369 | 1.23   | cps   |
| Scandium   | 45-2  | 35752   | 38008   | 38553   | 37438   | 3.97   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 7       | 0       | 6       | 4       | 89.21  | cps   |
| Selenium   | 82-1  | -6      | 5       | 37      | 12      | 185.70 | cps   |
| Silicon    | 28-1  | 5416869 | 5490804 | 5334435 | 5414036 | 1.44   | cps   |
| Silver     | 109-1 | 108     | 108     | 108     | 108     | 0.00   | cps   |
| Silver     | 107-1 | 167     | 133     | 142     | 147     | 11.78  | cps   |
| Sodium     | 23-2  | 1271753 | 1234894 | 1251858 | 1252835 | 1.47   | cps   |
| Strontium  | 86-1  | 56744   | 55823   | 55707   | 56091   | 1.01   | cps   |
| Strontium  | 88-1  | 481741  | 467193  | 466394  | 471776  | 1.83   | cps   |
| Sulfur     | 34-1  | 604784  | 597010  | 602325  | 601373  | 0.66   | cps   |
| Terbium    | 159-1 | 5305656 | 5348197 | 5216252 | 5290035 | 1.27   | cps   |
| Terbium    | 159-2 | 1538214 | 1651302 | 1661209 | 1616908 | 4.23   | cps   |
| Thallium   | 203-1 | 192     | 158     | 158     | 169     | 11.36  | cps   |
| Thallium   | 205-1 | 308     | 317     | 325     | 317     | 2.63   | cps   |
| Tin        | 118-1 | 358     | 475     | 475     | 436     | 15.44  | cps   |
| Titanium   | 47-1  | 675     | 625     | 558     | 619     | 9.45   | cps   |
| Uranium    | 238-1 | 242     | 333     | 200     | 258     | 26.40  | cps   |
| Vanadium   | 51-2  | 47      | 47      | 63      | 52      | 18.42  | cps   |
| Yttrium    | 89-1  | 5850750 | 5813092 | 5734506 | 5799449 | 1.02   | cps   |
| Yttrium    | 89-2  | 234926  | 248990  | 249882  | 244599  | 3.43   | cps   |
| Zinc       | 66-2  | 14982   | 14998   | 14715   | 14898   | 1.07   | cps   |
| Zirconium  | 90-1  | 767     | 742     | 550     | 686     | 17.28  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-12RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-48-FL2-BRA-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:01:02  | DataFile Name :   | 152SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 108  | 108  | 136     | 35.35  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-13RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-49-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:04:12  | DataFile Name :   | 153SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 400     | 392     | 450     | 414     | 7.62   | cps   |
| Antimony   | 121-1 | 567     | 675     | 667     | 636     | 9.48   | cps   |
| Arsenic    | 75-2  | 46      | 61      | 54      | 54      | 13.79  | cps   |
| Barium     | 135-1 | 35683   | 35173   | 35231   | 35362   | 0.79   | cps   |
| Barium     | 137-1 | 62465   | 61435   | 62130   | 62010   | 0.85   | cps   |
| Beryllium  | 9-1   | 39      | 61      | 50      | 50      | 22.22  | cps   |
| Bismuth    | 209-1 | 2783982 | 2763582 | 2736820 | 2761461 | 0.86   | cps   |
| Bismuth    | 209-2 | 1177289 | 1179515 | 1197458 | 1184754 | 0.93   | cps   |
| Boron      | 10-1  | 1158    | 1183    | 1317    | 1220    | 6.98   | cps   |
| Boron      | 11-1  | 5793    | 5751    | 5860    | 5801    | 0.94   | cps   |
| Cadmium    | 111-1 | 1234    | 1172    | 1118    | 1175    | 4.92   | cps   |
| Cadmium    | 106-1 | 1692    | 1625    | 1525    | 1614    | 5.20   | cps   |
| Cadmium    | 108-1 | 13      | 17      | 17      | 15      | 15.76  | cps   |
| Calcium    | 43-1  | 151384  | 151526  | 148301  | 150403  | 1.21   | cps   |
| Calcium    | 44-1  | 2630165 | 2575525 | 2556053 | 2587248 | 1.49   | cps   |
| Chromium   | 52-2  | 1087    | 1087    | 1090    | 1088    | 0.18   | cps   |
| Cobalt     | 59-2  | 167     | 180     | 110     | 152     | 24.42  | cps   |
| Copper     | 63-2  | 347735  | 346489  | 343872  | 346032  | 0.57   | cps   |
| Dysprosium | 156-1 | 58      | 33      | 33      | 42      | 34.65  | cps   |
| Dysprosium | 156-2 | 13      | 13      | 13      | 13      | 0.00   | cps   |
| Erbium     | 164-1 | 58      | 58      | 17      | 44      | 54.12  | cps   |
| Erbium     | 164-2 | 7       | 0       | 17      | 8       | 107.84 | cps   |
| Gadolinium | 160-1 | 117     | 108     | 100     | 108     | 7.69   | cps   |
| Gadolinium | 160-2 | 30      | 7       | 23      | 20      | 60.08  | cps   |
| Holmium    | 165-1 | 4941196 | 4906856 | 4909687 | 4919246 | 0.39   | cps   |
| Holmium    | 165-2 | 1670339 | 1602464 | 1675765 | 1649522 | 2.48   | cps   |
| Indium     | 115-1 | 5100162 | 5097683 | 5109478 | 5102441 | 0.12   | cps   |
| Indium     | 115-2 | 329040  | 324198  | 330997  | 328078  | 1.07   | cps   |
| Iron       | 56-2  | 19804   | 20677   | 21146   | 20542   | 3.32   | cps   |
| Iron       | 57-2  | 544     | 550     | 517     | 537     | 3.32   | cps   |
| Lead       | 206-1 | 11450   | 10638   | 10827   | 10972   | 3.87   | cps   |
| Lead       | 207-1 | 9387    | 9265    | 8831    | 9161    | 3.19   | cps   |
| Lead       | 208-1 | 43191   | 42095   | 41561   | 42282   | 1.96   | cps   |
| Lithium    | 6-1   | 947036  | 960485  | 943119  | 950213  | 0.96   | cps   |
| Magnesium  | 24-2  | 56061   | 54522   | 54874   | 55152   | 1.46   | cps   |
| Manganese  | 55-2  | 4571    | 4497    | 4307    | 4459    | 3.05   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-13RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-49-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:04:12  | DataFile Name :   | 153SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 283     | 333     | 275     | 297     | 10.62   | cps   |
| Molybdenum | 95-1  | 117     | 117     | 183     | 139     | 27.71   | cps   |
| Molybdenum | 96-1  | 275     | 233     | 350     | 286     | 20.66   | cps   |
| Molybdenum | 97-1  | 100     | 192     | 208     | 167     | 35.00   | cps   |
| Molybdenum | 98-1  | 167     | 200     | 275     | 214     | 25.94   | cps   |
| Neodymium  | 150-1 | 47      | 33      | 53      | 44      | 22.92   | cps   |
| Neodymium  | 150-2 | 0       | 10      | 20      | 10      | 100.00  | cps   |
| Nickel     | 60-2  | 2710    | 2750    | 2654    | 2705    | 1.80    | cps   |
| Phosphorus | 31-2  | 467     | 508     | 525     | 500     | 6.01    | cps   |
| Potassium  | 39-2  | 20783   | 20658   | 20858   | 20766   | 0.49    | cps   |
| Rhodium    | 103-1 | 4966539 | 4966497 | 4997069 | 4976702 | 0.35    | cps   |
| Rhodium    | 103-2 | 1737513 | 1745191 | 1736282 | 1739662 | 0.28    | cps   |
| Scandium   | 45-1  | 3742787 | 3753140 | 3714609 | 3736845 | 0.53    | cps   |
| Scandium   | 45-2  | 38683   | 37801   | 37982   | 38155   | 1.22    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 7       | 4       | 4       | 5       | 43.39   | cps   |
| Selenium   | 82-1  | 40      | -65     | -7      | -11     | -493.73 | cps   |
| Silicon    | 28-1  | 5475643 | 5355748 | 5286085 | 5372492 | 1.78    | cps   |
| Silver     | 109-1 | 125     | 67      | 100     | 97      | 30.10   | cps   |
| Silver     | 107-1 | 175     | 150     | 167     | 164     | 7.77    | cps   |
| Sodium     | 23-2  | 1240158 | 1230527 | 1222771 | 1231152 | 0.71    | cps   |
| Strontium  | 86-1  | 55975   | 56728   | 57523   | 56742   | 1.36    | cps   |
| Strontium  | 88-1  | 485197  | 485339  | 473104  | 481213  | 1.46    | cps   |
| Sulfur     | 34-1  | 602048  | 604202  | 596262  | 600837  | 0.68    | cps   |
| Terbium    | 159-1 | 5316870 | 5342747 | 5318986 | 5326201 | 0.27    | cps   |
| Terbium    | 159-2 | 1645624 | 1676270 | 1679425 | 1667106 | 1.12    | cps   |
| Thallium   | 203-1 | 142     | 167     | 125     | 144     | 14.52   | cps   |
| Thallium   | 205-1 | 325     | 317     | 233     | 292     | 17.38   | cps   |
| Tin        | 118-1 | 750     | 959     | 675     | 795     | 18.49   | cps   |
| Titanium   | 47-1  | 1126    | 642     | 542     | 770     | 40.58   | cps   |
| Uranium    | 238-1 | 242     | 308     | 175     | 242     | 27.59   | cps   |
| Vanadium   | 51-2  | 77      | 73      | 50      | 67      | 21.80   | cps   |
| Yttrium    | 89-1  | 5801276 | 5855923 | 5790545 | 5815915 | 0.60    | cps   |
| Yttrium    | 89-2  | 247129  | 247261  | 249088  | 247826  | 0.44    | cps   |
| Zinc       | 66-2  | 59811   | 59216   | 59698   | 59575   | 0.53    | cps   |
| Zirconium  | 90-1  | 725     | 608     | 642     | 658     | 9.13    | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-13RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-49-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:04:12  | DataFile Name :   | 153SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 117  | 208  | 164     | 28.01  | cps   |

LB Number : LB88963 Operator : Jaswal  
 Lab Sample ID : I4356-14RE Instrumnet Name : P8  
 Client Sample ID : DC20894-50-FL2-CL6-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-21 20:07:21 DataFile Name : 154SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 733     | 675     | 675     | 694     | 4.85   | cps   |
| Antimony   | 121-1 | 592     | 558     | 525     | 558     | 5.97   | cps   |
| Arsenic    | 75-2  | 28      | 56      | 59      | 48      | 36.20  | cps   |
| Barium     | 135-1 | 36059   | 37346   | 35983   | 36463   | 2.10   | cps   |
| Barium     | 137-1 | 62976   | 62499   | 62448   | 62641   | 0.47   | cps   |
| Beryllium  | 9-1   | 67      | 61      | 33      | 54      | 33.26  | cps   |
| Bismuth    | 209-1 | 2718751 | 2783653 | 2798397 | 2766934 | 1.53   | cps   |
| Bismuth    | 209-2 | 1188332 | 1180041 | 1172664 | 1180346 | 0.66   | cps   |
| Boron      | 10-1  | 1142    | 1233    | 1458    | 1278    | 12.75  | cps   |
| Boron      | 11-1  | 5926    | 5668    | 6210    | 5935    | 4.57   | cps   |
| Cadmium    | 111-1 | 1051    | 852     | 978     | 960     | 10.45  | cps   |
| Cadmium    | 106-1 | 1483    | 1200    | 1383    | 1356    | 10.60  | cps   |
| Cadmium    | 108-1 | 13      | 13      | 4       | 10      | 49.46  | cps   |
| Calcium    | 43-1  | 147308  | 148951  | 148014  | 148091  | 0.56   | cps   |
| Calcium    | 44-1  | 2548167 | 2537955 | 2533974 | 2540032 | 0.29   | cps   |
| Chromium   | 52-2  | 1103    | 1133    | 1027    | 1088    | 5.06   | cps   |
| Cobalt     | 59-2  | 133     | 163     | 117     | 138     | 17.16  | cps   |
| Copper     | 63-2  | 233850  | 234330  | 233759  | 233979  | 0.13   | cps   |
| Dysprosium | 156-1 | 17      | 50      | 17      | 28      | 69.27  | cps   |
| Dysprosium | 156-2 | 13      | 27      | 13      | 18      | 43.33  | cps   |
| Erbium     | 164-1 | 75      | 67      | 75      | 72      | 6.66   | cps   |
| Erbium     | 164-2 | 23      | 7       | 10      | 13      | 66.12  | cps   |
| Gadolinium | 160-1 | 142     | 117     | 42      | 100     | 52.04  | cps   |
| Gadolinium | 160-2 | 7       | 30      | 20      | 19      | 61.96  | cps   |
| Holmium    | 165-1 | 4987146 | 4994666 | 4956622 | 4979478 | 0.40   | cps   |
| Holmium    | 165-2 | 1650528 | 1664052 | 1655845 | 1656809 | 0.41   | cps   |
| Indium     | 115-1 | 5138165 | 5108376 | 5142798 | 5129779 | 0.36   | cps   |
| Indium     | 115-2 | 330503  | 324599  | 327394  | 327499  | 0.90   | cps   |
| Iron       | 56-2  | 23735   | 23318   | 23842   | 23632   | 1.17   | cps   |
| Iron       | 57-2  | 478     | 506     | 522     | 502     | 4.47   | cps   |
| Lead       | 206-1 | 3617    | 3512    | 3556    | 3562    | 1.49   | cps   |
| Lead       | 207-1 | 3023    | 2906    | 2928    | 2952    | 2.10   | cps   |
| Lead       | 208-1 | 13731   | 13726   | 13436   | 13631   | 1.24   | cps   |
| Lithium    | 6-1   | 968340  | 943342  | 963042  | 958241  | 1.37   | cps   |
| Magnesium  | 24-2  | 54957   | 55241   | 55233   | 55144   | 0.29   | cps   |
| Manganese  | 55-2  | 4671    | 4554    | 4554    | 4593    | 1.47   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-14RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-50-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:07:21  | DataFile Name :   | 154SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 383     | 233     | 392     | 336     | 26.51  | cps   |
| Molybdenum | 95-1  | 267     | 150     | 150     | 189     | 35.66  | cps   |
| Molybdenum | 96-1  | 183     | 375     | 308     | 289     | 33.68  | cps   |
| Molybdenum | 97-1  | 142     | 158     | 175     | 158     | 10.53  | cps   |
| Molybdenum | 98-1  | 317     | 283     | 275     | 292     | 7.56   | cps   |
| Neodymium  | 150-1 | 40      | 33      | 27      | 33      | 20.00  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 10      | 4       | 114.60 | cps   |
| Nickel     | 60-2  | 427     | 457     | 457     | 447     | 3.88   | cps   |
| Phosphorus | 31-2  | 517     | 567     | 533     | 539     | 4.72   | cps   |
| Potassium  | 39-2  | 20332   | 21492   | 20182   | 20669   | 3.47   | cps   |
| Rhodium    | 103-1 | 4964235 | 4940977 | 4997322 | 4967511 | 0.57   | cps   |
| Rhodium    | 103-2 | 1750955 | 1717711 | 1701662 | 1723443 | 1.46   | cps   |
| Scandium   | 45-1  | 3749621 | 3744516 | 3716509 | 3736882 | 0.48   | cps   |
| Scandium   | 45-2  | 38332   | 37504   | 36855   | 37564   | 1.97   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 2       | 2       | 4       | 2       | 43.30  | cps   |
| Selenium   | 82-1  | -32     | -46     | -52     | -43     | -24.11 | cps   |
| Silicon    | 28-1  | 5421352 | 5392815 | 5433742 | 5415970 | 0.39   | cps   |
| Silver     | 109-1 | 67      | 125     | 150     | 114     | 37.55  | cps   |
| Silver     | 107-1 | 108     | 192     | 75      | 125     | 48.08  | cps   |
| Sodium     | 23-2  | 1234792 | 1218177 | 1229337 | 1227435 | 0.69   | cps   |
| Strontium  | 86-1  | 58075   | 57749   | 56887   | 57570   | 1.07   | cps   |
| Strontium  | 88-1  | 489622  | 482681  | 482074  | 484792  | 0.87   | cps   |
| Sulfur     | 34-1  | 602014  | 605255  | 602206  | 603158  | 0.30   | cps   |
| Terbium    | 159-1 | 5339389 | 5247881 | 5319243 | 5302171 | 0.91   | cps   |
| Terbium    | 159-2 | 1667943 | 1653454 | 1652875 | 1658091 | 0.51   | cps   |
| Thallium   | 203-1 | 167     | 167     | 167     | 167     | 0.00   | cps   |
| Thallium   | 205-1 | 267     | 350     | 250     | 289     | 18.54  | cps   |
| Tin        | 118-1 | 700     | 775     | 758     | 745     | 5.29   | cps   |
| Titanium   | 47-1  | 725     | 942     | 633     | 767     | 20.65  | cps   |
| Uranium    | 238-1 | 200     | 233     | 217     | 217     | 7.69   | cps   |
| Vanadium   | 51-2  | 83      | 77      | 90      | 83      | 8.00   | cps   |
| Yttrium    | 89-1  | 5855795 | 5765591 | 5743124 | 5788170 | 1.03   | cps   |
| Yttrium    | 89-2  | 244344  | 246170  | 245456  | 245323  | 0.38   | cps   |
| Zinc       | 66-2  | 9160    | 9393    | 9126    | 9227    | 1.58   | cps   |
| Zirconium  | 90-1  | 733     | 758     | 842     | 778     | 7.29   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB88963              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4356-14RE           | Instrumnet Name : | P8        |
| Client Sample ID :      | DC20894-50-FL2-CL6-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:07:21  | DataFile Name :   | 154SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 183  | 117  | 144     | 24.02  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV05               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:10:30 | DataFile Name :   | 155SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 50      | 17      | 25      | 88.19  | cps   |
| Antimony   | 121-1 | 42      | 25      | 25      | 31      | 31.50  | cps   |
| Arsenic    | 75-2  | 2       | 0       | 2       | 1       | 86.60  | cps   |
| Barium     | 135-1 | 67      | 108     | 67      | 81      | 29.86  | cps   |
| Barium     | 137-1 | 67      | 58      | 25      | 50      | 44.10  | cps   |
| Beryllium  | 9-1   | 44      | 56      | 28      | 43      | 32.83  | cps   |
| Bismuth    | 209-1 | 2536024 | 2513961 | 2543603 | 2531196 | 0.61   | cps   |
| Bismuth    | 209-2 | 1122656 | 1117410 | 1096919 | 1112328 | 1.22   | cps   |
| Boron      | 10-1  | 417     | 458     | 483     | 453     | 7.44   | cps   |
| Boron      | 11-1  | 2150    | 2092    | 1917    | 2053    | 5.92   | cps   |
| Cadmium    | 111-1 | 916     | 911     | 840     | 889     | 4.77   | cps   |
| Cadmium    | 106-1 | 1308    | 1283    | 1200    | 1264    | 4.49   | cps   |
| Cadmium    | 108-1 | 13      | 13      | 13      | 13      | 0.00   | cps   |
| Calcium    | 43-1  | 5718    | 5393    | 5143    | 5418    | 5.32   | cps   |
| Calcium    | 44-1  | 87380   | 88528   | 88915   | 88275   | 0.90   | cps   |
| Chromium   | 52-2  | 1010    | 1013    | 1100    | 1041    | 4.90   | cps   |
| Cobalt     | 59-2  | 93      | 87      | 47      | 76      | 33.40  | cps   |
| Copper     | 63-2  | 500     | 510     | 390     | 467     | 14.27  | cps   |
| Dysprosium | 156-1 | 33      | 0       | 8       | 14      | 124.91 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Erbium     | 164-2 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Gadolinium | 160-1 | 33      | 75      | 25      | 44      | 60.28  | cps   |
| Gadolinium | 160-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Holmium    | 165-1 | 4573429 | 4432738 | 4595481 | 4533883 | 1.95   | cps   |
| Holmium    | 165-2 | 1521251 | 1477438 | 1477914 | 1492201 | 1.69   | cps   |
| Indium     | 115-1 | 4723877 | 4701136 | 4711258 | 4712091 | 0.24   | cps   |
| Indium     | 115-2 | 307397  | 305874  | 304037  | 305769  | 0.55   | cps   |
| Iron       | 56-2  | 3256    | 3284    | 3362    | 3300    | 1.66   | cps   |
| Iron       | 57-2  | 89      | 67      | 78      | 78      | 14.28  | cps   |
| Lead       | 206-1 | 1987788 | 1971792 | 1996822 | 1985467 | 0.64   | cps   |
| Lead       | 207-1 | 1796705 | 1796175 | 1788871 | 1793917 | 0.24   | cps   |
| Lead       | 208-1 | 8025576 | 8008190 | 7933995 | 7989254 | 0.61   | cps   |
| Lithium    | 6-1   | 846536  | 825890  | 845660  | 839362  | 1.39   | cps   |
| Magnesium  | 24-2  | 142     | 25      | 125     | 97      | 64.90  | cps   |
| Manganese  | 55-2  | 50      | 67      | 63      | 60      | 14.70  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV05               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:10:30 | DataFile Name :   | 155SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 133     | 175     | 83      | 131     | 35.16  | cps   |
| Molybdenum | 95-1  | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Molybdenum | 96-1  | 42      | 83      | 50      | 58      | 37.80  | cps   |
| Molybdenum | 97-1  | 42      | 67      | 92      | 67      | 37.50  | cps   |
| Molybdenum | 98-1  | 33      | 17      | 8       | 19      | 65.48  | cps   |
| Neodymium  | 150-1 | 13      | 0       | 13      | 9       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 73      | 97      | 87      | 86      | 13.69  | cps   |
| Phosphorus | 31-2  | 8       | 8       | 25      | 14      | 69.31  | cps   |
| Potassium  | 39-2  | 4743    | 4401    | 4601    | 4581    | 3.75   | cps   |
| Rhodium    | 103-1 | 4613013 | 4543198 | 4623821 | 4593344 | 0.95   | cps   |
| Rhodium    | 103-2 | 1620500 | 1615784 | 1620401 | 1618895 | 0.17   | cps   |
| Scandium   | 45-1  | 3450692 | 3425966 | 3446487 | 3441048 | 0.38   | cps   |
| Scandium   | 45-2  | 35381   | 35405   | 35144   | 35310   | 0.41   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 2       | 0       | 2       | 100.00 | cps   |
| Selenium   | 82-1  | -34     | -86     | -57     | -59     | -43.93 | cps   |
| Silicon    | 28-1  | 532416  | 528346  | 533927  | 531563  | 0.54   | cps   |
| Silver     | 109-1 | 75      | 50      | 75      | 67      | 21.65  | cps   |
| Silver     | 107-1 | 67      | 58      | 50      | 58      | 14.29  | cps   |
| Sodium     | 23-2  | 8103    | 8219    | 7902    | 8075    | 1.98   | cps   |
| Strontium  | 86-1  | 1233    | 1367    | 1350    | 1317    | 5.52   | cps   |
| Strontium  | 88-1  | 267     | 167     | 158     | 197     | 30.57  | cps   |
| Sulfur     | 34-1  | 547418  | 543556  | 556058  | 549011  | 1.17   | cps   |
| Terbium    | 159-1 | 4867850 | 4769347 | 4798066 | 4811755 | 1.05   | cps   |
| Terbium    | 159-2 | 1488668 | 1483133 | 1478828 | 1483543 | 0.33   | cps   |
| Thallium   | 203-1 | 150     | 167     | 125     | 147     | 14.24  | cps   |
| Thallium   | 205-1 | 483     | 450     | 275     | 403     | 27.78  | cps   |
| Tin        | 118-1 | 2475    | 2643    | 2117    | 2412    | 11.14  | cps   |
| Titanium   | 47-1  | 208     | 275     | 192     | 225     | 19.60  | cps   |
| Uranium    | 238-1 | 25      | 17      | 17      | 19      | 24.73  | cps   |
| Vanadium   | 51-2  | 7       | 13      | 23      | 14      | 58.06  | cps   |
| Yttrium    | 89-1  | 5269923 | 5241888 | 5324798 | 5278870 | 0.80   | cps   |
| Yttrium    | 89-2  | 232090  | 231989  | 230921  | 231667  | 0.28   | cps   |
| Zinc       | 66-2  | 110     | 73      | 97      | 93      | 19.88  | cps   |
| Zirconium  | 90-1  | 292     | 350     | 525     | 389     | 31.23  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV05               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:10:30 | DataFile Name :   | 155SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 75   | 75   | 78      | 6.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB05               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:13:41 | DataFile Name :   | 156SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 58      | 25      | 33      | 39      | 44.62  | cps   |
| Antimony   | 121-1 | 17      | 50      | 58      | 42      | 52.91  | cps   |
| Arsenic    | 75-2  | 6       | 2       | 4       | 4       | 50.09  | cps   |
| Barium     | 135-1 | 0       | 17      | 25      | 14      | 91.65  | cps   |
| Barium     | 137-1 | 42      | 42      | 25      | 36      | 26.65  | cps   |
| Beryllium  | 9-1   | 72      | 44      | 28      | 48      | 46.62  | cps   |
| Bismuth    | 209-1 | 2480392 | 2524751 | 2491756 | 2498966 | 0.92   | cps   |
| Bismuth    | 209-2 | 1082804 | 1077383 | 1088822 | 1083003 | 0.53   | cps   |
| Boron      | 10-1  | 350     | 383     | 375     | 369     | 4.70   | cps   |
| Boron      | 11-1  | 1358    | 1533    | 1483    | 1458    | 6.18   | cps   |
| Cadmium    | 111-1 | 828     | 938     | 896     | 887     | 6.25   | cps   |
| Cadmium    | 106-1 | 1175    | 1325    | 1292    | 1264    | 6.23   | cps   |
| Cadmium    | 108-1 | 4       | 21      | 13      | 13      | 66.64  | cps   |
| Calcium    | 43-1  | 5451    | 5685    | 5335    | 5490    | 3.25   | cps   |
| Calcium    | 44-1  | 86173   | 84992   | 84236   | 85133   | 1.15   | cps   |
| Chromium   | 52-2  | 1073    | 1000    | 1050    | 1041    | 3.60   | cps   |
| Cobalt     | 59-2  | 80      | 53      | 30      | 54      | 45.95  | cps   |
| Copper     | 63-2  | 423     | 490     | 410     | 441     | 9.72   | cps   |
| Dysprosium | 156-1 | 0       | 33      | 8       | 14      | 124.91 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 0       | 8       | 8       | 100.02 | cps   |
| Erbium     | 164-2 | 3       | 3       | 10      | 6       | 69.34  | cps   |
| Gadolinium | 160-1 | 75      | 67      | 33      | 58      | 37.80  | cps   |
| Gadolinium | 160-2 | 10      | 20      | 10      | 13      | 43.30  | cps   |
| Holmium    | 165-1 | 4458289 | 4620557 | 4529824 | 4536224 | 1.79   | cps   |
| Holmium    | 165-2 | 1470639 | 1456438 | 1475996 | 1467691 | 0.69   | cps   |
| Indium     | 115-1 | 4683677 | 4708339 | 4652431 | 4681482 | 0.60   | cps   |
| Indium     | 115-2 | 301339  | 301981  | 304432  | 302584  | 0.54   | cps   |
| Iron       | 56-2  | 3245    | 3273    | 3128    | 3215    | 2.38   | cps   |
| Iron       | 57-2  | 150     | 56      | 83      | 96      | 50.40  | cps   |
| Lead       | 206-1 | 406     | 406     | 428     | 413     | 3.11   | cps   |
| Lead       | 207-1 | 383     | 356     | 417     | 385     | 7.94   | cps   |
| Lead       | 208-1 | 1800    | 1611    | 1667    | 1693    | 5.74   | cps   |
| Lithium    | 6-1   | 840378  | 834592  | 843419  | 839463  | 0.53   | cps   |
| Magnesium  | 24-2  | 67      | 100     | 50      | 72      | 35.25  | cps   |
| Manganese  | 55-2  | 63      | 63      | 83      | 70      | 16.50  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB05               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:13:41 | DataFile Name :   | 156SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 108     | 58      | 150     | 106     | 43.48  | cps   |
| Molybdenum | 95-1  | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Molybdenum | 96-1  | 67      | 50      | 8       | 42      | 72.12  | cps   |
| Molybdenum | 97-1  | 75      | 42      | 83      | 67      | 33.07  | cps   |
| Molybdenum | 98-1  | 8       | 33      | 8       | 17      | 86.62  | cps   |
| Neodymium  | 150-1 | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 80      | 70      | 57      | 69      | 16.99  | cps   |
| Phosphorus | 31-2  | 33      | 33      | 0       | 22      | 86.60  | cps   |
| Potassium  | 39-2  | 4334    | 4418    | 4593    | 4448    | 2.97   | cps   |
| Rhodium    | 103-1 | 4548103 | 4604815 | 4611098 | 4588005 | 0.76   | cps   |
| Rhodium    | 103-2 | 1619993 | 1585682 | 1595587 | 1600421 | 1.10   | cps   |
| Scandium   | 45-1  | 3412848 | 3398136 | 3449836 | 3420274 | 0.78   | cps   |
| Scandium   | 45-2  | 35311   | 35953   | 35281   | 35515   | 1.07   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 4       | 9       | 5       | 78.12  | cps   |
| Selenium   | 82-1  | -11     | -77     | -105    | -65     | -75.20 | cps   |
| Silicon    | 28-1  | 527835  | 519229  | 523878  | 523648  | 0.82   | cps   |
| Silver     | 109-1 | 42      | 50      | 67      | 53      | 24.12  | cps   |
| Silver     | 107-1 | 58      | 67      | 75      | 67      | 12.50  | cps   |
| Sodium     | 23-2  | 7602    | 7827    | 7769    | 7733    | 1.51   | cps   |
| Strontium  | 86-1  | 1292    | 1308    | 1500    | 1367    | 8.47   | cps   |
| Strontium  | 88-1  | 167     | 175     | 167     | 169     | 2.84   | cps   |
| Sulfur     | 34-1  | 556331  | 552187  | 551077  | 553198  | 0.50   | cps   |
| Terbium    | 159-1 | 4782062 | 4810535 | 4807244 | 4799947 | 0.32   | cps   |
| Terbium    | 159-2 | 1447302 | 1447863 | 1459284 | 1451483 | 0.47   | cps   |
| Thallium   | 203-1 | 117     | 175     | 142     | 144     | 20.26  | cps   |
| Thallium   | 205-1 | 283     | 208     | 342     | 278     | 24.06  | cps   |
| Tin        | 118-1 | 583     | 458     | 558     | 533     | 12.40  | cps   |
| Titanium   | 47-1  | 133     | 225     | 225     | 194     | 27.22  | cps   |
| Uranium    | 238-1 | 8       | 17      | 33      | 19      | 65.47  | cps   |
| Vanadium   | 51-2  | 20      | 10      | 10      | 13      | 43.30  | cps   |
| Yttrium    | 89-1  | 5288925 | 5275540 | 5326989 | 5297151 | 0.50   | cps   |
| Yttrium    | 89-2  | 227316  | 226742  | 229651  | 227903  | 0.68   | cps   |
| Zinc       | 66-2  | 57      | 20      | 10      | 29      | 85.05  | cps   |
| Zirconium  | 90-1  | 258     | 275     | 192     | 242     | 18.25  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB88963             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB05               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-07-21 20:13:41 | DataFile Name :   | 156SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 50   | 92   | 75   | 72      | 29.04  | cps   |